

Data Solutions from Bradmark



Bradmark Surveillance 4.7 ASE Guide

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Chapter 8: Central Repository Schema..... 573

Chapter 1

Views

Topics:

- [Global](#)
- [Health](#)
- [Processes](#)
- [Locks](#)
- [Blocked Processes](#)
- [Current Executing Stmts](#)
- [Open Transactions](#)
- [Databases](#)
- [Segment Usage](#)
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- [Transaction Log Usage](#)
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- [Cache Activity](#)
- [Spinlock Activity](#)
- [Cached Stmt Statistics](#)
- [Recently Executed Stmts](#)
- [Procedure Activity](#)
- [ASE Error Log](#)
- [Recent History - Compliance Auditing](#)
- [Recent History - Operational Auditing](#)

Global

Global statistics

Columns

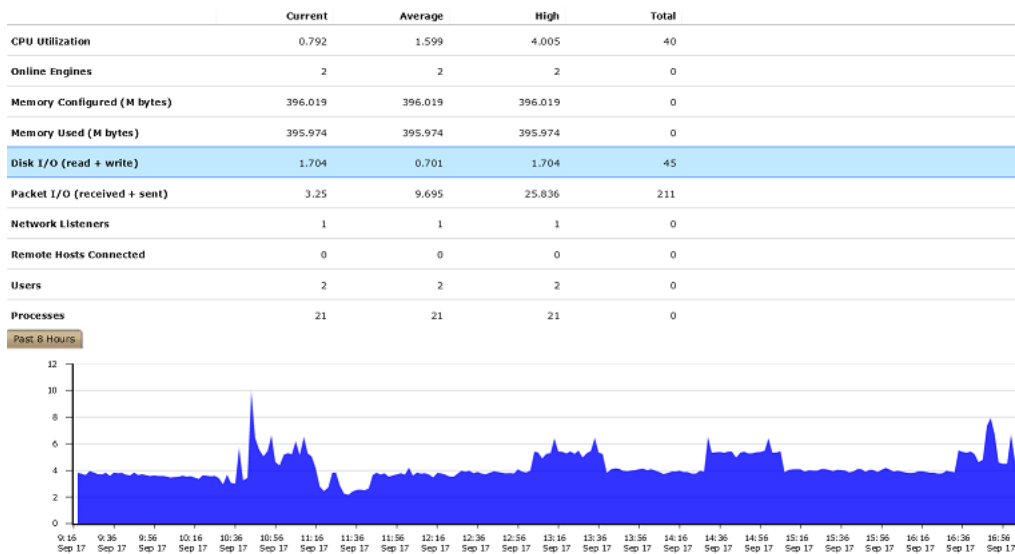
Name	Description
(First Column)	Metric name
Current	Current metric value, based on metric type
Average	Average of current metric value, since collection started
High	Maximum current metric value, since collection started
Total	Total of current metric values, since collection started, if applicable

Entity Requirements

Attributes: (no CE or CEINST)

Minimum database version: 12.5.0.3

Sample



Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[SYB_GLOB_ACTIVE_LOCKS](#) on page 116

Active Lock count exceeds value rule

[SYB_GLOB_BLOCKED](#) on page 117

Blocked Process count exceeds value rule

[SYB_GLOB_CPU_UTIL](#) on page 117

Datserver aggregate CPU utilization > value (percentage) rule

[SYB_GLOB_DISKIO](#) on page 86

Disk IO rate exceeds value rule

[SYB_GLOB_DISK_ERRORS_CURR](#) on page 87

Current Disk Errors exceeds value rule

[SYB_GLOB_DISK_ERRORS_TOT](#) on page 88

Total Disk Errors exceeds value rule

[SYB_GLOB_LOG_SUSPENDS](#) on page 88

Processes suspended for log space exceeds value rule

[SYB_GLOB_LONGBLOCKWAIT](#) on page 118

Longest Block Wait (sec) exceeds value rule

[SYB_GLOB_MEMORY_USAGE](#) on page 119

Memory usage exceeds value rule

[SYB_GLOB_PACKETIO](#) on page 119

Packet IO rate exceeds value rule

[SYB_GLOB_PACKET_ERRORS_CURR](#) on page 120

Current Packet Errors exceeds value rule

[SYB_GLOB_PACKET_ERRORS_TOT](#) on page 120

Total Packet Errors exceeds value rule

[SYB_GLOB_PROCESSES](#) on page 121

Process count exceeds value rule

[SYB_GLOB_SUSPECT_DATABASES](#) on page 89

Suspect (offline) Database Count > 0 rule

[SYB_GLOB_SUSPECT_OBJECTS](#) on page 90

Suspect Object Count > 0 rule

[SYB_GLOB_USERS](#) on page 122

User count exceeds value rule

[SYB_GLOB_USER_PROCESSES](#) on page 122

User Process count exceeds value rule

Health

Overall health of the database instance

Instance Info - Columns

Name	Description
(First Column)	Metric name
(Second Column)	Metric value

Process Summary - Columns

Name	Description
(First Column)	Metric name
(Second Column)	Metric value

Current Event Time - Top Timed Events - Columns

Name	Description
ID	Event ID
Description	Event description
Count	Delta number of events
Time	Event time delta
%	% of total event time over all events, in interval

Overall Event Time - Top Timed Events - Columns

Name	Description
ID	Event ID
Description	Event description
Count	Total number of events, since collection started
Time	Total event time, since collection started
%	% of total event time, since collection started

Engines - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Eng #	Engine ID
Status	Status of the engine (online, offline, etc.)
CPU Utilization	System CPU %, in interval + User CPU %, in interval
Context Switches / Sec	Number of context switches per second, in interval
Cur Sys CPU	Delta System CPU time of engine
Cur Sys %	System CPU %, in interval
Cur User CPU	Delta User CPU time of engine
Cur User %	User CPU %, in interval
Cur Idle CPU	Delta Idle CPU time of engine
Cur Idle %	Idle CPU %, in interval
Ovr Switches / Sec	Average number of context switches per second, since collection started
Process Affinitied	Number of processes affinitied to the engine
Affinitied CPU #	ID of CPU to which the engine is affinitied to
Ovr Sys CPU	Total System CPU time of engine, since collection started
Ovr Sys %	Average System CPU %, since collection started
Ovr User CPU	Total User CPU time of engine, since collection started

Name	Description
Ovr User %	Average User CPU %, since collection started
Ovr Idle CPU	Total Idle CPU time of engine, since collection started
Ovr Idle %	Average Idle CPU %, since collection started

Device IO - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Name	Logical name for the device
Physical IOs / Sec	Number of reads per second, in interval + Number of writes per second, in interval + Number of asynchronous prefetch (APF) reads per second, in interval
IO Time	Duration time per I/O operation in interval
Avg IO Time	Average duration time per I/O operation in interval
% Total IO	% of total number of I/O operations per second, in interval, over all devices
Avg IOs / Sec	Average number of I/O operations per second, since collection started
Semaphore Waits	Total number of waits for sync on I/O operation to mirrored device, if applicable, since collection started
Reads / Sec	Number of reads per second, in interval
Writes / Sec	Number of writes per second, in interval
APF Reads / Sec	Number of asynchronous prefetch (APF) reads per second, in interval
Ovr Reads	Total number of reads, since collection started
Ovr Writes	Total number of writes, since collection started
Ovr APF Reads	Total number of asynchronous prefetch (APF) reads, since collection started
Device Type	Type of device (Default Disk, Physical Disk, Dump Device)
Physical Name	Full file path for the device

Data Caches - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Name	Data cache name
Logical Reads / Sec	Number of logical reads per second, in interval
Current Logical Reads	Delta number of logical reads
Miss %	Data cache miss %, or how often logical reads required physical reads
Ovr Logical Reads	Total number of logical reads, since collection started

Current Running SQL - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Login	User login name
Elapsed Time	Elapsed time
SQL Text	SQL text preview
Start Time	Start time of statement
Line #	Line number in the batch
CPU Time	CPU time
Wait Time	Wait time
Database	Database name
Memory	Memory usage
Physical Reads	Number of physical reads
Logical Reads	Number of logical reads
Packets Sent	Number of network packets sent
Bytes Sent	Network bytes sent
Packets Received	Number of network packets received
Bytes Received	Network bytes received
Procedure	Procedure name, if applicable
Batch ID	Batch ID
KPID	Kernel process ID

Monitoring Options - MDA Options - Columns

Name	Description
Name	Name of the monitoring option
Enabled	If the monitoring option is enabled, then: Enabled
Disabled	If the monitoring option is disabled, then: Disabled

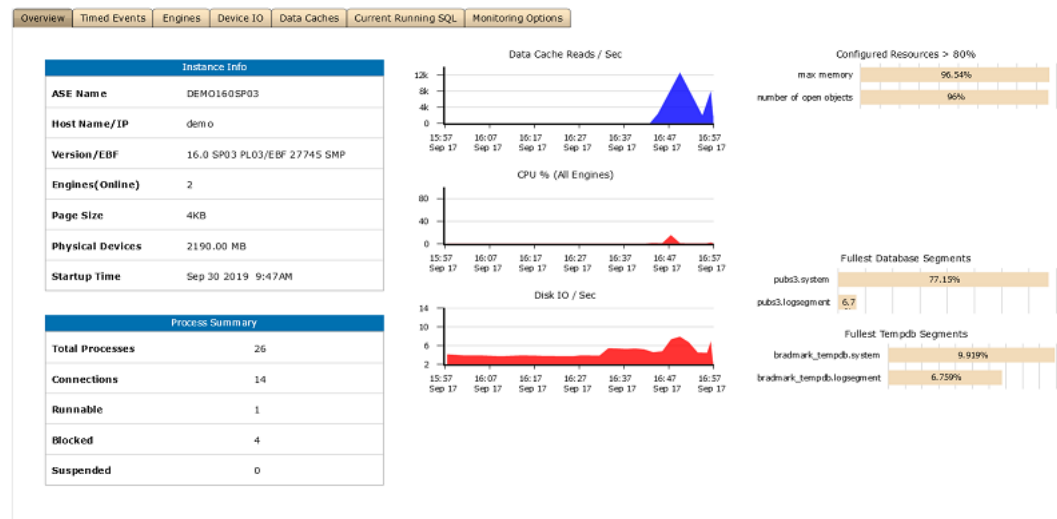
Monitoring Options - MDA Pipe Options and Sizes - Columns

Name	Description
Name	Name of the pipe monitoring option
Enabled	If the monitoring option is enabled, then: Enabled
Disabled	If the monitoring option is disabled, then: Disabled
Size	Size for the pipe

Entity Requirements

Attributes: MDA (and no CE or CEINST)
Minimum database version: 12.5.0.3

Sample



Related reference

[CFG_RESOURCE](#) on page 442

Configured resources

[FULLEST_SEG_DB](#) on page 419

Fullest (non-tempdb) database segments

[FULLEST_SEG_TEMPDB](#) on page 419

Fullest tempdb database segments

[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE_SUM](#) on page 427

Data cache summary

[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_ENGINE](#) on page 453

Engines

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_INSTANCE](#) on page 457

Health instance information

[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_MONITORING_OPTIONS](#) on page 464

Monitoring options

[MDA_MONITORING_PIPE_OPTIONS](#) on page 464

Monitoring pipe options

[MDA_PROCSTMT](#) on page 410

Current executing statements

[MDA_SYSTIMEDEVENTS](#) on page 474

System timed events

[MDA_SYSTIMEDEVENTS_CLASS](#) on page 475

System timed events by classes

[CFG_RESOURCE](#) on page 283

CFG_RESOURCE store

[FULLEST_SEG_DB](#) on page 263

FULLEST_SEG_DB store

[FULLEST_SEG_TEMPDB](#) on page 263

FULLEST_SEG_TEMPDB store

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[MDA_DATACACHE_SUM](#) on page 266

MDA_DATACACHE_SUM store

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[MDA_ENGINE](#) on page 296

MDA_ENGINE store

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[MDA_HEALTH_INSTANCE](#) on page 297

MDA_HEALTH_INSTANCE store

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[MDA_MONITORING_OPTIONS](#) on page 300

MDA_MONITORING_OPTIONS store

[MDA_MONITORING_PIPE_OPTIONS](#) on page 301

MDA_MONITORING_PIPE_OPTIONS store

[MDA_PROCSTMT](#) on page 254

MDA_PROCSTMT store

[MDA_SYSTIMEDEVENTS](#) on page 306

MDA_SYSTIMEDEVENTS store

[MDA_SYSTIMEDEVENTS_CLASS](#) on page 306

MDA_SYSTIMEDEVENTS_CLASS store

[SYB_MDA_ENGINE_CPU_PCT](#) on page 133

Individual dataserver engine CPU utilization > value (percentage) rule

[SYB_MDA_HEALTH_CPU_PCT](#) on page 134

Dataserver aggregate CPU utilization > value (percentage) rule

[SYB_MDA_HEALTH_MEM_USED](#) on page 135

Memory Used (MB) exceeds value rule

[SYB_MDA_HEALTH_PROCESS_BLOCKED](#) on page 135

Blocked process count > value rule

[SYB_MDA_HEALTH_PROCESS_CONN_CNT](#) on page 136

Connection count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_COUNT](#) on page 136

Process count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_SUSPENDS](#) on page 137

Suspended process count > value rule

[SYB_MDA_HEALTH_SUSPECT_DB](#) on page 95

Suspect DB count exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_OBJECTS](#) on page 96

Suspect Obj count exceeds value rule

[SYB_TRANSLOG_APPEND_LOG_WAIT](#) on page 108

High contention with transferring transaction log pages rule

Processes

Processes

Comments

System processes are shown under the tab Other Processes.

User Processes - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Login	Login name
Program	Application name
CPU % (one engine)	CPU % Used (1 CPU)
Logical IO	Delta number of physical writes + Delta number of logical reads
Total Logical IOs	Number of logical I/O operations
Logical Cluster Name	Logical cluster name, if Cluster Edition
Memory	Memory usage
Total Connect Time	Duration of time connected
Total CPU Time	CPU time
Total Wait Time	Wait time
Cur Wait Event ID	Wait event ID
Current Wait Event	Wait event description
Current Wait Time	Duration of time waiting
Blocked By	Blocker session process ID (SPID), if applicable
Locks Held	Number of locks held by this process
Logical Reads	Number of logical reads
Physical Reads	Number of physical reads
Physical Writes	Number of physical writes

Name	Description
ULC Bytes Written	Number of bytes written to the user log cache (ULC) for the process
Table Accesses	Number of pages read without an index
Index Accesses	Number of pages read with an index
TempDB Accesses	Total number of temp tables created (including dropped ones)
Transactions	Number of transactions started (including finished ones)
Commits	Number of commits
Rollbacks	Number of rollbacks
Status	Process status: alarm sleep background infected latch sleep lock sleep PLC sleep recv sleep remote i/o runnable running send sleep sleeping stopped sync sleep
Family ID	Session process ID (SPID) of the parent process, if this is a worker process (for parallel query)
Batch ID	Batch ID
Engine #	Engine ID
Database	Database name
TempDB	TempDB name
TempDB Used	Current TempDB space used
Command	General command type
Set Client Name	Client name
Set Client Application	Client application name
Set Client Host	Client host name
Host	Host name
IP Address	Client IP address
Client OS PID	Client OS PID
KPID	Kernel process ID

Other Processes - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Command	General command type
CPU % (one engine)	CPU % Used (1 CPU)
Logical IO	Delta number of physical writes + Delta number of logical reads
Total Logical IOs	Number of logical I/O operations
Memory	Memory usage
Total Connect Time	Duration of time connected
Total CPU Time	CPU time
Total Wait Time	Wait time
Cur Wait Event ID	Wait event ID
Current Wait Event	Wait event description
Current Wait Time	Duration of time waiting
Blocked By	Blocker session process ID (SPID), if applicable
Locks Held	Number of locks held by this process
Logical Reads	Number of logical reads
Physical Reads	Number of physical reads
Physical Writes	Number of physical writes
ULC Bytes Written	Number of bytes written to the user log cache (ULC) for the process
Table Accesses	Number of pages read without an index
Index Accesses	Number of pages read with an index
TempDB Accesses	Total number of temp tables created (including dropped ones)
Transactions	Number of transactions started (including finished ones)
Commits	Number of commits
Rollbacks	Number of rollbacks
Status	Process status: alarm sleep background infected latch sleep lock sleep PLC sleep recv sleep remote i/o runnable running

Name	Description
	send sleep sleeping stopped sync sleep
Family ID	Session process ID (SPID) of the parent process, if this is a worker process (for parallel query)
Batch ID	Batch ID
Engine #	Engine ID
Database	Database name
TempDB	TempDB name
TempDB Used	Current TempDB space used
Logical Cluster Name	Logical cluster name, if Cluster Edition
Login	Login name
Program	Application name
Set Client Name	Client name
Set Client Application	Client application name
Set Client Host	Client host name
Host	Host name
IP Address	Client IP address
Client OS PID	Client OS PID
KPID	Kernel process ID

SQL Plan Details - Columns

Name	Description
ID	ID of this node in the plan
Parent ID	ID of parent of this node in the plan; 0 = this node is the root node in the plan
Operation	Name of operation for this node
Options	Options for the operation for this node
Object	Target object of this operation
Object2	Second target object of this operation
IO Size Data Pages	I/O size used for data pages for this node
BRS Data Pages	Buffer Replacement Strategy used for data pages for this node
IO Size Index Leaf Pages	I/O size used for index leaf pages for this node
BRS Index Leaves	Buffer Replacement Strategy used for index leaf pages for this node

Procedure Stack - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Context ID	Current context ID of the procedure
Stmt #	Current statement number (unique in a batch) of the procedure
Type	Type of procedure (stored procedure, etc.) in the stack
Object	Name of the procedure in the stack
Line #	Current line number of the procedure
Compile Time	Compile date of the procedure
Owner	Name of the owner of the procedure
Database	Name of the database that contains the procedure
Memory	Memory usage

Entity Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_PROCESS](#) on page 469

Processes

[MDA_PROCSQLPLAN](#) on page 406

Parsed SQL plans for current executing statements

[MDA_PROCSQLPLANTEXT](#) on page 407

SQL plan text for current executing statements

[MDA_PROCSQLTEXT](#) on page 408

SQL text of current executing statements

[MDA_PROCSTACK](#) on page 409

Procedure stack for current executing statements

[MDA_PROCESS](#) on page 304

MDA_PROCESS store

[MDA_PROCSQLPLAN](#) on page 252

MDA_PROCSQLPLAN store

[MDA_PROCSQLPLANTEXT](#) on page 252

MDA_PROCSQLPLANTEXT store

[MDA_PROCSQLTEXT](#) on page 253

MDA_PROCSQLTEXT store

[MDA_PROCSTACK](#) on page 254

MDA_PROCSTACK store

[SYB_MDA_PROCESS_CPU_PERCENT](#) on page 138

Individual process CPU utilization > value (percentage) rule

[SYB_MDA_PROCESS_WAITSECS](#) on page 139

Process waitsecs > value rule

Locks

Locks

Columns

Name	Description
Login	Login name
Database	Database name
Object	Name of the locked object
SPID	Session process ID
Blocking SPID	Blocker session process ID (SPID), if applicable
Lock Type	Lock type: exclusive intent exclusive page exclusive row exclusive table shared intent shared next key shared page shared row shared table update row update page
LockID	Lock ID
Lock State	Lock state (Granted, Requested)
Lock Level	Lock level (ROW, PAGE, TABLE, ADDRESS)
Wait Time	Duration of time waiting on the lock
Page	Page # that is locked if LockType = PAGE
Row	Row # that is locked if LockType = ROW
Inst ID	Instance ID; 0 = non-CE
KPID	Kernel process ID

SQL Plan Details - Columns

Name	Description
ID	ID of this node in the plan
Parent ID	ID of parent of this node in the plan; 0 = this node is the root node in the plan
Operation	Name of operation for this node

Name	Description
Options	Options for the operation for this node
Object	Target object of this operation
Object2	Second target object of this operation
IO Size Data Pages	I/O size used for data pages for this node
BRS Data Pages	Buffer Replacement Strategy used for data pages for this node
IO Size Index Leaf Pages	I/O size used for index leaf pages for this node
BRS Index Leaves	Buffer Replacement Strategy used for index leaf pages for this node

Procedure Stack - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Context ID	Current context ID of the procedure
Stmt #	Current statement number (unique in a batch) of the procedure
Type	Type of procedure (stored procedure, etc.) in the stack
Object	Name of the procedure in the stack
Line #	Current line number of the procedure
Compile Time	Compile date of the procedure
Owner	Name of the owner of the procedure
Database	Name of the database that contains the procedure
Memory	Memory usage

Entity Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_LOCK](#) on page 459
Locks

[MDA_PROCSQLPLAN](#) on page 406
Parsed SQL plans for current executing statements

[MDA_PROCSQLPLANTEXT](#) on page 407
SQL plan text for current executing statements

[MDA_PROCSQLTEXT](#) on page 408
SQL text of current executing statements

[MDA_PROCSTACK](#) on page 409
Procedure stack for current executing statements

[MDA_LOCK](#) on page 299

MDA_LOCK store

[MDA_PROCSQLPLAN](#) on page 252

MDA_PROCSQLPLAN store

[MDA_PROCSQLPLANTEXT](#) on page 252

MDA_PROCSQLPLANTEXT store

[MDA_PROCSQLTEXT](#) on page 253

MDA_PROCSQLTEXT store

[MDA_PROCSTACK](#) on page 254

MDA_PROCSTACK store

[SYB_MDA_LOCK_ORPHAN](#) on page 138

Orphaned locks rule

Blocked Processes

Blocktrees of processes, including blockers and waiters

Comments

When a process must wait to acquire a lock, it is a *waiter*. The other process that already has the lock (and is causing the waiter to wait) is a *blocker*.

This view contains rows for both the blocker processes and the waiter processes in the database. If the row is a blocker process, then BLOCKERKPID = 0 and BLOCKERSPID = 0. If the row is a waiter process, then the "BLOCKERxx" columns have information about its immediate blocker.

Waiters being blocked by a blocker can themselves also block other waiters, potentially forming a *blocktree* involving many processes. Thus, a row can be a waiter and a blocker, in some cases (and can involve different locks).

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Blocker SPID	Blocker session process ID (SPID); 0 = the row is a blocker process
Time Blocked	Duration of time blocked
Login	Login name
Program	Application name
Blocked Count	Number of processes being blocked, if the row is a blocker process
Root Blocked Count	Total number of processes being blocked in the entire blocktree involving this row
Host	Host name
IP Address	Client IP address
Client OS PID	Client OS PID
Set Client Name	Client name
Set Client Application	Client application name
Set Client Host	Client host name

Name	Description
KPID	Kernel process ID

SQL Plan Details - Columns

Name	Description
ID	ID of this node in the plan
Parent ID	ID of parent of this node in the plan; 0 = this node is the root node in the plan
Operation	Name of operation for this node
Options	Options for the operation for this node
Object	Target object of this operation
Object2	Second target object of this operation
IO Size Data Pages	I/O size used for data pages for this node
BRS Data Pages	Buffer Replacement Strategy used for data pages for this node
IO Size Index Leaf Pages	I/O size used for index leaf pages for this node
BRS Index Leaves	Buffer Replacement Strategy used for index leaf pages for this node

Procedure Stack - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Context ID	Current context ID of the procedure
Stmt #	Current statement number (unique in a batch) of the procedure
Type	Type of procedure (stored procedure, etc.) in the stack
Object	Name of the procedure in the stack
Line #	Current line number of the procedure
Compile Time	Compile date of the procedure
Owner	Name of the owner of the procedure
Database	Name of the database that contains the procedure
Memory	Memory usage

Entity Requirements

Attributes: MDA

Minimum database version: 15.5

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_PROCSQLPLAN](#) on page 406

Parsed SQL plans for current executing statements

[MDA_PROCSQLPLANTEXT](#) on page 407

SQL plan text for current executing statements

[MDA_PROCSQLTEXT](#) on page 408

SQL text of current executing statements

[MDA_PROCSTACK](#) on page 409

Procedure stack for current executing statements

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[MDA_PROCSQLPLAN](#) on page 252

MDA_PROCSQLPLAN store

[MDA_PROCSQLPLANTEXT](#) on page 252

MDA_PROCSQLPLANTEXT store

[MDA_PROCSQLTEXT](#) on page 253

MDA_PROCSQLTEXT store

[MDA_PROCSTACK](#) on page 254

MDA_PROCSTACK store

[SYB_MDA_BLOCKTREE_BLOCKER](#) on page 64

Blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_BLOCKER_DTCH](#) on page 65

Detached blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_WAITER](#) on page 65

Waiter exceeds time thresholds waiting on process rule

[SYB_MDA_BLOCKTREE_WAITER_DTCH](#) on page 66

Waiter exceeds time thresholds waiting on detached process rule

Current Executing Stmts

Current executing statements

Comments

Commands to ASE are submitted as *batches*, such as several SQL statements in a script (if you are using `isql`, for example, then anything before the `go` command is grouped together as a batch).

ASE executes individual *statements* in the batch. Individual statements can be anything from large SQL to just `if` conditions.

This view provides two ways of looking at what is executing: by statement (the lowest level) and by batch (the high level).

By Statements - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Elapsed Time	Elapsed time
CPU % (one engine)	CPU % Used (1 CPU)

Name	Description
SQL Text	SQL text preview
Database	Database name
Start Time	Start time of statement
Line #	Line number in the batch
CPU Time	CPU time
Wait Time	Wait time
Memory	Memory usage
Physical Reads	Number of physical reads
Logical Reads	Number of logical reads
Packets Sent	Number of network packets sent
Bytes Sent	Network bytes sent
Packets Received	Number of network packets received
Bytes Received	Network bytes received
Procedure	Procedure name, if applicable
Login	User login name
SQLID	SQL ID; created by Surveillance
Batch ID	Batch ID
KPID	Kernel process ID

By Batches - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Batch ID	Batch ID
Elapsed Time	Elapsed time of the batch
Start Time	Start time of the batch
Cur Line #	Line number in the batch
Cur Proc DB	Database name of the current procedure, if applicable
Cur Procedure	Name of the current procedure, if applicable
Cur Temp DB	TempDB name
KPID	Kernel process ID

SQL Plan Details - Columns

Name	Description
ID	ID of this node in the plan

Name	Description
Parent ID	ID of parent of this node in the plan; 0 = this node is the root node in the plan
Operation	Name of operation for this node
Options	Options for the operation for this node
Object	Target object of this operation
Object2	Second target object of this operation
IO Size Data Pages	I/O size used for data pages for this node
BRS Data Pages	Buffer Replacement Strategy used for data pages for this node
IO Size Index Leaf Pages	I/O size used for index leaf pages for this node
BRS Index Leaves	Buffer Replacement Strategy used for index leaf pages for this node

Procedure Stack - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Context ID	Current context ID of the procedure
Stmt #	Current statement number (unique in a batch) of the procedure
Type	Type of procedure (stored procedure, etc.) in the stack
Object	Name of the procedure in the stack
Line #	Current line number of the procedure
Compile Time	Compile date of the procedure
Owner	Name of the owner of the procedure
Database	Name of the database that contains the procedure
Memory	Memory usage

Entity Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_PROCBATCH](#) on page 405

Current executing batches

[MDA_PROCSQLPLAN](#) on page 406

Parsed SQL plans for current executing statements

[MDA_PROCSQLPLANTEXT](#) on page 407

SQL plan text for current executing statements

[MDA_PROCSQLTEXT](#) on page 408

SQL text of current executing statements

[MDA_PROCSTACK](#) on page 409

Procedure stack for current executing statements

[MDA_PROCSTMT](#) on page 410

Current executing statements

[MDA_PROCBATCH](#) on page 251

MDA_PROCBATCH store

[MDA_PROCSQLPLAN](#) on page 252

MDA_PROCSQLPLAN store

[MDA_PROCSQLPLANTEXT](#) on page 252

MDA_PROCSQLPLANTEXT store

[MDA_PROCSQLTEXT](#) on page 253

MDA_PROCSQLTEXT store

[MDA_PROCSTACK](#) on page 254

MDA_PROCSTACK store

[MDA_PROCSTMT](#) on page 254

MDA_PROCSTMT store

[SYB_MDA_PROCBATCH_LONGBATCH](#) on page 67

Batch elapsed time > value rule

Open Transactions

Open transactions

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID; 0 = Detached process
Elapsed Time	Elapsed time
Transaction Name	Transaction name, or XA transaction ID (XID)
Type	Transaction type (Local, External, Dtx_State, Remote)
Start Time	Start time of transaction
Initial Database	Starting database name
Server Name	Remote server name, if applicable
Login	Login name of process
LockID	Lock owner ID
Application	Application name of process
Client IP Address	Client host IP address of process
Client OS PID	Client OS PID of process
XA Global Transaction ID	Binary version of the global transaction ID portion of XID
XA Branch Qualifier	Binary version of the branch qualifier portion of XID
State	Current state of the transaction:

Name	Description
	Begun Done Command Done Prepared In Command In Abort Cmd Committed In Post Commit In Abort Tran In Abort Savept Begun-Detached Done Cmd-Detached Done-Detached Prepared-Detached Pseudo Prepared Heur Committed Heur Rolledback
Connection	Connection state (Attached, Detached)
Failover	Transaction failover state (Resident Tx, Failed-over Tx, Tx by Failover-Conn)
Coordinator	Coordination method (None, Syb2PC, ASTC, XA, DTC)
Transaction Key	Transaction key

SQL Plan Details - Columns

Name	Description
ID	ID of this node in the plan
Parent ID	ID of parent of this node in the plan; 0 = this node is the root node in the plan
Operation	Name of operation for this node
Options	Options for the operation for this node
Object	Target object of this operation
Object2	Second target object of this operation
IO Size Data Pages	I/O size used for data pages for this node
BRS Data Pages	Buffer Replacement Strategy used for data pages for this node
IO Size Index Leaf Pages	I/O size used for index leaf pages for this node
BRS Index Leaves	Buffer Replacement Strategy used for index leaf pages for this node

Procedure Stack - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE

Name	Description
SPID	Session process ID
Context ID	Current context ID of the procedure
Stmt #	Current statement number (unique in a batch) of the procedure
Type	Type of procedure (stored procedure, etc.) in the stack
Object	Name of the procedure in the stack
Line #	Current line number of the procedure
Compile Time	Compile date of the procedure
Owner	Name of the owner of the procedure
Database	Name of the database that contains the procedure
Memory	Memory usage

Entity Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[OPENTRANS](#) on page 477
Open transactions

[MDA_PROCSQLPLAN](#) on page 406
Parsed SQL plans for current executing statements

[MDA_PROCSQLPLANTEXT](#) on page 407
SQL plan text for current executing statements

[MDA_PROCSQLTEXT](#) on page 408
SQL text of current executing statements

[MDA_PROCSTACK](#) on page 409
Procedure stack for current executing statements

[OPENTRANS](#) on page 309
OPENTRANS store

[MDA_PROCSQLPLAN](#) on page 252
MDA_PROCSQLPLAN store

[MDA_PROCSQLPLANTEXT](#) on page 252
MDA_PROCSQLPLANTEXT store

[MDA_PROCSQLTEXT](#) on page 253
MDA_PROCSQLTEXT store

[MDA_PROCSTACK](#) on page 254
MDA_PROCSTACK store

Databases

Databases

All DBs - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Database Name	Database name
Size	Total allocated size of the database (data + log)
Data Space % Used	% of total allocated size, for data, that is used
Log Space % Used	% of total allocated size, for log, that is used
Log Suspend	Whether the transaction log is full for the database
Last Checkpoint	Time of the last checkpoint on the database
Dumpable	0 = Normal transaction log dump is allowed; >0 = Not dumpable due to some issue (see ASE docs for further interpretation); -1 = Unavailable dumpable status
Last Txn Log Dump	Time of last transaction log dump initiated by user
Shrink Status	Yes = Database shrink in progress; No = No shrink in progress; unknown = Unknown shrink status
Encryption Status	Encryption status: normal encrypted being encrypted partially encrypted being decrypted partially decrypted unknown
Options Set	Database options; no options set = No database options set; otherwise, one or more options, including (but not limited to): abort tran on log full allow nulls by default archive async log service auto identity compressed data compressed log dbo use only ddl in tran delayed commit don't recover erase residual data failed upgrade has suspect pages/objects identity in nonunique index mixed log and data no chkpt on recovery no free space acctg not recovered

Name	Description
	offline online for standby access quiesce database read only scratch select into/bulkcopy/pllsort single user trunc log on chkpt unique auto_identity index user created temp db
Owner	Database owner name
Date Created	Time of database creation
Hours Since Checkpoint	Number of hours since the last checkpoint on the database
Hours Since Dump	Number of hours since internal last transaction log dump time
Recover Order	Recovery order #; set by sp_dbrecovery_order()
Int Txn Dump	Internal last transaction log dump time; includes frequent system-initiated transaction log dumps

Temp DBs - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Database Name	Database name
Size	Total allocated size of the database (data + log)
Data Space % Used	% of total allocated size, for data, that is used
Log Space % Used	% of total allocated size, for log, that is used
Log Suspend	Whether the transaction log is full for the database
Last Checkpoint	Time of the last checkpoint on the database
Dumpable	0 = Normal transaction log dump is allowed; >0 = Not dumpable due to some issue (see ASE docs for further interpretation); -1 = Unavailable dumpable status
Last Txn Log Dump	Time of last transaction log dump initiated by user
Shrink Status	Yes = Database shrink in progress; No = No shrink in progress; unknown = Unknown shrink status
Encryption Status	Encryption status: normal encrypted being encrypted partially encrypted being decrypted partially decrypted

Name	Description
	unknown
Options Set	Database options; no options set = No database options set; otherwise, one or more options, including (but not limited to): - abort tran on log full - allow nulls by default - archive - async log service - auto identity - compressed data - compressed log - dbo use only - ddl in tran - delayed commit - don't recover - erase residual data - failed upgrade - has suspect pages/objects - identity in nonunique index - mixed log and data - no chkpt on recovery - no free space acctg - not recovered - offline - online for standby access - quiesce database - read only - scratch - select into/bulkcopy/pllsort - single user - trunc log on chkpt - unique auto_identity index - user created temp db
Owner	Database owner name
Date Created	Time of database creation
Hours Since Checkpoint	Number of hours since the last checkpoint on the database
Hours Since Dump	Number of hours since internal last transaction log dump time
Recover Order	Recovery order #; set by sp_dbrecovery_order()
Int Txn Dump	Internal last transaction log dump time; includes frequent system-initiated transaction log dumps

Index Stats - Columns

Name	Description
Owner	Name of owner of table

Name	Description
Table	Table name
Index	Index name
Index ID	ID of index
Row Count	Number of rows
Reserved	Total allocated size
Data Page Cluster Ratio	Data Page Cluster Ratio
Index Page Cluster Ratio	Index Page Cluster Ratio
Data Row Cluster Ratio	Data Row Cluster Ratio
Large IO Efficiency	Large IO Efficiency
Space Utilization	Space Utilization
Index Space % Free	% space free
Index Space Usage	Unused space + Amount of space used
Type	Type of object

Entity Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[SYB_CEINST_DB_DATA_SPACE_UTIL](#) on page 68

Cluster Instance Local TempDB: Data space % full > value rule

[SYB_CEINST_DB_HOURS_SINCE_DUMP](#) on page 68

Cluster Instance Local TempDB: Hours since last dump > value rule

[SYB_CEINST_DB_LOG_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Log space % full > value rule

[SYB_CEINST_DB_TOTAL_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Data+Log space % full > value rule

[SYB_DATABASES_DATA_SPACE_UTIL](#) on page 81

Data space % full > value rule

[SYB_DATABASES_HOURS_SINCE_DUMP](#) on page 81

Hours since last dump > value rule

[SYB_DATABASES_LOG_SPACE_UTIL](#) on page 82

Log space % full > value rule

[SYB_DATABASES_TOTAL_SPACE_UTIL](#) on page 83

Data+Log space % full > value rule

Segment Usage

Segment space usage

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Database Name	Database name
Suspect	Whether segment is suspect; * = suspect
Segment Name	Segment name
% Used	% space used
Total Size (MB)	Total allocated size
Free (MB)	Unused space, in megabytes
Used (MB)	Amount of space used, in megabytes
Delta Used (MB)	Delta amount of space used, in megabytes
Avg Delta Used (MB)	Average of delta amount of space used per interval, in megabytes, since collection started

Entity Requirements

Attributes: None

Minimum database version: 12.5.0.3

Sample

Database Name	Suspect	Segment Name	% Used	Total Size (MB)	Free (MB)	Used (MB)	Delta Used (MB)	Avg Delta Used (MB)
pubs3		default	77.15%	6	1.371	4.628	0	0
pubs3		system	77.15%	6	1.371	4.628	0	0
pubs2		default	74.549%	7	1.781	5.218	0	0
pubs2		system	74.549%	7	1.781	5.218	0	0
model		default	57.42%	6	2.554	3.445	0	0
model		system	57.42%	6	2.554	3.445	0	0
sybystem procs		default	54.38%	290	132.296	157.703	0	0
sybystem procs		system	54.38%	290	132.296	157.703	0	0
sybystem db		system	26.17%	14	10.335	3.664	0	0
sybystem db		default	26.17%	14	10.335	3.664	0	0
sybmgmtdb		default	21.96%	90	70.238	19.761	0	0
sybmgmtdb		system	21.96%	90	70.238	19.761	0	0
bradmamk_tempdb		system	9.96%	128	115.246	12.753	0	0

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[SYB_CEINST_LOG_SUSPENDS](#) on page 72

Cluster Instance Local TempDB: Database is in LOG SUSPEND rule

[SYB_CEINST_SEGDATA_FREE_CRITIC](#) on page 72

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_FULL_CRITIC](#) on page 73

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_INFO](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_WARN](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_MB_FREE_INFO](#) on page 75

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_MB_FREE_WARN](#) on page 76

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FREE_CRITICAL](#) on page 76

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FULL_CRITICAL](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_INFO](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_WARN](#) on page 78

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_MB_FREE_INFO](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_MB_FREE_WARN](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGUSAGE_SUSPECTDB](#) on page 80

Cluster Instance Local TempDB: Suspect (offline) Database Identified rule

[SYB_LOG_SUSPENDS](#) on page 92

Database is in LOG SUSPEND rule

[SYB_SEGUSAGE_LOGPERCENTUSED](#) on page 97

DEPRECATED: Log Segment utilization exceeds value rule

[SYB_SEGUSAGE_NONLOGPERCENTUSED](#) on page 98

DEPRECATED: NonLog Segment utilization exceeds value rule

[SYB_SEGUSAGE_PERCENTUSED](#) on page 99

DEPRECATED: Segment utilization exceeds value rule

[SYB_SEGUSAGE_SUSPECTDB](#) on page 99

Suspect (offline) Database Identified rule

[SYB_SEG_DATA_MB_FREE_CRITICAL](#) on page 100

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_INFO](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_WARN](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_PCNT_FULL_CRITICAL](#) on page 102

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_INFO](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_WARN](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_LOG_MB_FREE_CRITICAL](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_INFO](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_WARN](#) on page 105

Log segment < value (MB free) rule

[SYB_SEG_LOG_PCNT_FULL_CRITICAL](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_INFO](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_WARN](#) on page 107

Log segment > value (percentage full) rule

Device Space

Device space usage

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Device Name	Device name
Device Type	Device type (default disk, physical disk, archive database disk, other)
% Used	% of total allocated size (at the OS level) that is used
Size (MB)	Total allocated size (at the OS level), in megabytes
Used (MB)	Amount of space used, in megabytes
Free (MB)	Unused space, in megabytes
Allocated (MB)	Amount of used space (Used (MB)) that is allocated to database objects, in megabytes
Unallocated (MB)	Amount of used space (Used (MB)) that is unused by database objects, in megabytes
Physical Name	Physical name (path) of the device
Device Status	Options and attributes of the device

Entity Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Sample

Device Name	Device Type	% Used ▼	Size (MB)	Used (MB)	Free (MB)	Allocated (MB)	Unallocated (MB)	
tempdbdev	physical disk	98%	500	490	10	1.914	488.085	/u01/sybase/ase160sp03/data/tempdbdev.dat
master	default disk	90.917%	1024	931	93	60.339	870.66	/u01/sybase/ase160sp03/data/master.dat
sysprocsdev	physical disk	90.909%	330	300	30	157.742	142.257	/u01/sybase/ase160sp03/data/sysprocs.dat
sybmgmtdev	physical disk	90%	100	90	10	19.761	70.238	/u01/sybase/ase160sp03/data/sybmgmtdev.dat
systemdbdev	physical disk	80%	10	8	2	0.031	7.968	/u01/sybase/ase160sp03/data/sybsysdb.dat
bradmark_tempdb_dev	physical disk	75%	256	192	64	10.144	181.855	/u01/sybase/ase160sp03/data/bradmark_temp

Related reference

[DEVSPACE](#) on page 418

Device space usage

[DEVSPACE](#) on page 262

DEVSPACE store

[SYB_CEINST_DEVSPACE_PERCENTUSED](#) on page 70

Cluster Instance Local TempDB: Device utilization exceeds value rule

[SYB_DEVSPACE_PERCENTUSED](#) on page 86

Device utilization exceeds value rule

Transaction Log Usage

Transaction log activity

Columns

Name	Description
Database Name	Database name
Log Size	Allocated space for the transaction log
Append Log Wait %	% of append log requests that resulted in a wait
Log Delta	Delta allocated space
Log Rate / Sec	Allocated space per second, since collection started
Max Log Rate	Maximum of allocated space per second, since collection started
Avg Log Rate	Average of allocated space per second, since collection started

Entity Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Sample

Database Name	Log Size	Append Log Wait %	Log Delta	Log Rate / Sec	Max Log Rate	Avg Log Rate
bradmamk_tempdb	1.94 MB	0%	0.66 MB	87.67 KB	117.94 KB	90.58 KB
master	21.81 MB	0%	0 0		0	0
pubs2	32 KB	0%	0 0		0	0
pubs3	32 KB	0%	0 0		0	0
sybm gntdb	32 KB	0%	0 0		0	0
sybssystem db	64 KB	0%	0 0		0	0

Top N Usage

20 rows @ 9/17/2020 5:27:

SPTD	Login	Transaction Name	Log Count	Start Time	Is Ckpt	Has Begin	Session Page	Session Row	Transaction ID
43	sa	procupd	7.83k	6/11/2018 1:03:27 AM	0	1	5950	3	3e1700000300
43	sa	procupd	2.63k	6/11/2018 1:03:27 AM	0	1	7099	23	b01b00001700
2		procupd	0.85k	6/11/2018 1:12:15 AM	0	1	7492	25	441d00001900
39	sa	\$viewupd	0.54k	6/11/2018 1:50:26 AM	0	1	7621	39	c51d00002700
2		sysconfigures	44	9/30/2019 9:44:07 AM	0	1	9730	3	022600000300
2		sysconfigures	44	6/11/2018 1:49:34 AM	0	1	7620	9	c41d00000900

Related reference

[TRANSLOG](#) on page 438

Transaction log activity

[TRANSLOG](#) on page 271

TRANSLOG store

Configured Resources

Configured resources

Columns

Name	Description
Instance Name	Instance name; blank = non-CE
Name	Configured resource name
% Used	% of the total allocated amount of the resource that is in active use
Total Value	Total allocated amount of the resource (# of descriptors, or bytes, or other units)
Free	Unused amount of the resource (# of descriptors, or bytes, or other units)
Reused	Number of times resource items had to be reused (possibly due to resource being undersized)
Used	Amount of the resource in active use (# of descriptors, or bytes, or other units)
Max Used	Maximum amount of the resource in active use (# of descriptors, or bytes, or other units)

Entity Requirements

Attributes:

None

Minimum database version: 12.5.0.3

Related reference

[CFG_RESOURCE](#) on page 442
Configured resources

[CFG_RESOURCE](#) on page 283
CFG_RESOURCE store

Monitoring Options

Monitoring options

MDA Options - Columns

Name	Description
(First Column)	Name of the monitoring option
(Second Column)	Whether the monitoring option is turned on (Enabled, Disabled)

Entity Requirements

Attributes: MDA (and no CE or CEINST)

Minimum database version: 12.5.0.3

Related reference

[MDA_MONITORING_OPTIONS](#) on page 464
Monitoring options

[MDA_MONITORING_PIPE_OPTIONS](#) on page 464
Monitoring pipe options

[MDA_MONITORING_OPTIONS](#) on page 300
MDA_MONITORING_OPTIONS store

[MDA_MONITORING_PIPE_OPTIONS](#) on page 301
MDA_MONITORING_PIPE_OPTIONS store

Device IO

Device I/O activity

Columns

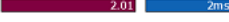
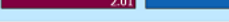
Name	Description
Inst ID	Instance ID; 0 = non-CE
Name	Logical name for the device
Physical IOs / Sec	Number of reads per second, in interval + Number of writes per second, in interval + Number of asynchronous prefetch (APF) reads per second, in interval
IO Time	Duration time per I/O operation in interval

Name	Description
Avg IO Time	Average duration time per I/O operation in interval
% Total IO	% of total number of I/O operations per second, in interval, over all devices
Avg IOs / Sec	Average number of I/O operations per second, since collection started
Semaphore Waits	Total number of waits for sync on I/O operation to mirrored device, if applicable, since collection started
Reads / Sec	Number of reads per second, in interval
Writes / Sec	Number of writes per second, in interval
APF Reads / Sec	Number of asynchronous prefetch (APF) reads per second, in interval
Ovr Reads	Total number of reads, since collection started
Ovr Writes	Total number of writes, since collection started
Ovr APF Reads	Total number of asynchronous prefetch (APF) reads, since collection started
Device Type	Type of device (Default Disk, Physical Disk, Dump Device)
Physical Name	Full file path for the device

Entity Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Sample

Name	Physical IOs / Sec	IO Time	Avg IO Time	% Total IO	Avg IOs / Sec	Semaphore Waits	Reads / Sec	Writes / Sec	APF
bradmkn_tempdb_dev	 2.35	 2ms		14.893%	3.57	0	1.01	1.34	
master	 9.4			59.574%	0.48	0	0	9.4	
sybmgmtdev	 2.01	 2ms		12.765%	0.12	0	0	2.01	
sysprocddev	 2.01			12.765%	0.11	0	0	2.01	
systemdbdev	0				0	0	0	0	
tempdbdev	0				0	0	0	0	

 APF Reads / Sec 0
 Writes / Sec 2.01
 Reads / Sec 0

Related reference

[MDA_DEVICE_IO](#) on page 428
Device I/O activity

[MDA_DEVICE_IO](#) on page 267
MDA_DEVICE_IO store

[SYB_MDA_DEVICEIO_IO_RATE](#) on page 92
IOs per sec exceeds value rule

[SYB_MDA_DEVICEIO_READ_RATE](#) on page 93
Reads per sec exceeds value rule

[SYB_MDA_DEVICEIO_TIME_PER_IO](#) on page 94
Milliseconds per IO exceeds value rule

[SYB_MDA_DEVICEIO_WRITE_RATE](#) on page 94
Writes per sec exceeds value rule

Cache Activity

Data cache activity, and summary statistics for the statement cache

Columns

Name	Description
Cache Name	Data cache name
Logical IO / Sec	Number of logical reads per second, in interval
Physical IO / Sec	Number of physical I/Os per second, in interval, broken down by reads and writes
Physical Throughput / Sec	Bytes read per second, in interval
Miss %	Data cache miss %, or how often logical reads required physical reads
Cur Stalls	Delta number of stalls
Ovr Stalls	Total number of stalls, since collection started
Buffer Pools	Number of buffer pools defined in the data cache
Instances	Number of instances using the data cache, if Cluster Edition
Cur Searches	Delta number of cache searches
Ovr Searches	Total number of cache searches, since collection started
Cache Used %	% of total allocated space that is used
Cache Used	Amount of space used
Cache Total	Total allocated size
Cache Partitions	Number of partitions in the data cache
Relaxed Replace	Whether cache is using relaxed replacement strategy; 1 = yes, 0 = no
Cur Logical Reads	Delta number of logical reads
Ovr Logical Reads	Total number of logical reads, since collection started
Total Logical Reads	Number of logical reads
Cur Physical Reads	Delta number of physical reads
Ovr Physical Reads	Total number of physical reads, since collection started
Total Physical Reads	Number of physical reads
Cur Physical Writes	Delta number of physical writes
Ovr Physical Writes	Total number of physical writes, since collection started
Total Physical Writes	Number of physical writes

Procedure Cache Activity Tab - Columns

Name	Description
Cache Name	Literal: "Procedure Cache"; created by Surveillance

Name	Description
Cur Requests	Delta number of requests
Total Requests	Number of requests
Cur Loads	Delta number of loads
Total Loads	Number of loads
Cur Writes	Delta number of writes
Total Writes	Number of writes
Cur Stalls	Delta number of stalls
Total Stalls	Number of stalls

Statement Cache Activity - Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Cache Name	Literal: "Statement Cache"; created by Surveillance
Used	Amount of the statement cache that is currently in use
Total Size	Configured size of the statement cache
Stmt Count	Number of statements
Cache Miss %	Search miss %, in interval
Cur Hits	Delta number of searches performed where a match was found
Ovr Hits	Total number of searches performed where a match was found, since collection started
Cur Searches	Delta number of searches performed
Ovr Searches	Total number of searches performed, since collection started
Total Miss %	Search miss %, since ASE instance started
Ovr Miss %	Search miss %, over all intervals since collection started
Cur Inserted	Delta number of inserted statements
Ovr Inserted	Total number of inserted statements, since collection started
Cur Removed	Delta number of removed statements
Ovr Removed	Total number of removed statements, since collection started
Recompiles (Schema)	Number of recompiles due to schema changes
Recompiles (Plan Flush)	Number of recompiles due to plan flushes

Entity Requirements

Attributes: MDA

Minimum database version: 15.0.2

Related reference

[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_CACHEPOOL](#) on page 421

Data cache buffer pools

[MDA_PROCCACHE](#) on page 469

Summary statistics of the procedure cache

[MDA_STMTCACHE](#) on page 414

Summary statistics about the statement cache

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[MDA_CACHEPOOL](#) on page 264

MDA_CACHEPOOL store

[MDA_PROCCACHE](#) on page 303

MDA_PROCCACHE store

[MDA_STMTCACHE](#) on page 258

MDA_STMTCACHE store

[SYB_MDA_CACHEPOOL_STALLS](#) on page 129

Buffer pool of a data cache is stalled rule

[SYB_MDA_DATACACHE_LOGREADS](#) on page 130

Datacache logical reads/sec > value rule

[SYB_MDA_DATACACHE_MISS_PCT](#) on page 131

Datacache miss percent > value rule

[SYB_MDA_DATACACHE_PHYWRITES](#) on page 131

Datacache phys writes/sec > value rule

[SYB_MDA_DATACACHE_STALLS](#) on page 132

Data cache is stalled rule

Spinlock Activity

Spinlock activity

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Spinlock Name	Spinlock name
Count	Number of spinlocks in the array associated with the spinlock name. For example, a partitioned data cache with 16 partitions might have 16 spinlocks in the array.
Contention %	Contention %, in interval
Grabs / Sec	Number of grabs per second, in interval
Spins / Sec	Number of spins per second, in interval
Waits / Sec	Number of waits per second, in interval
Current Grabs	Delta number of grabs

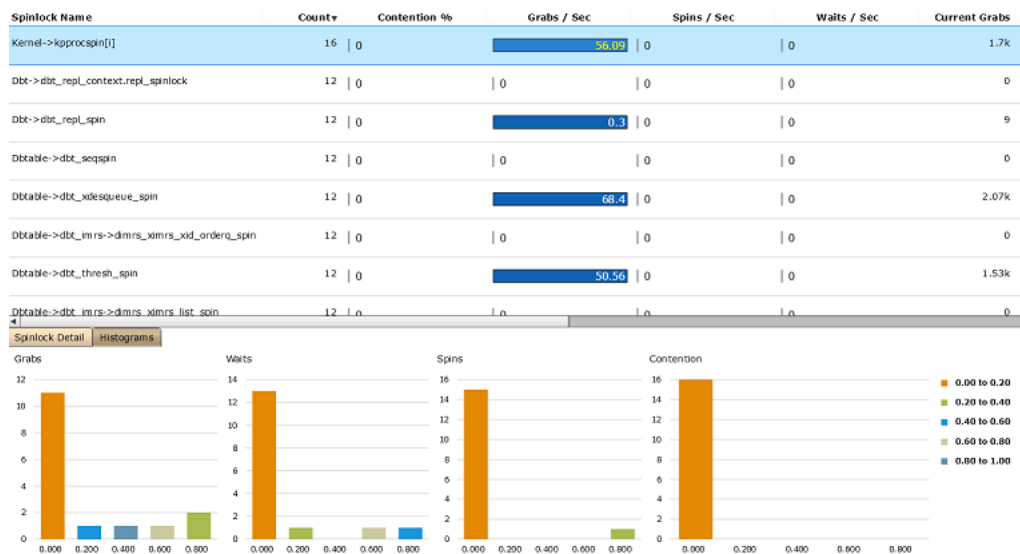
Name	Description
Overall Grabs	Total number of grabs, since collection started
Current Spins	Delta number of spins
Overall Spins	Total number of spins, since collection started
Current Waits	Delta number of waits
Overall Waits	Total number of waits, since collection started
Current Contention	Contention %, in interval
Overall Contention	Contention %, since collection started
Current Spins per Wait	Delta number of spins / delta number of waits
Overall Spins per Wait	Spins / Waits, since collection started

Entity Requirements

Attributes: None

Minimum database version: 12.5.0.3

Sample



Related reference

[SPINLOCK](#) on page 480

Spinlock activity

[SPINLOCK](#) on page 315

SPINLOCK store

Cached Stmt Statistics

Cached statement statistics

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
Login	Login name
SQL Text	SQL text preview
Use Count	Total number of times the statement was used after being cached
Cur/Max Concurrent Usage	Number of active queries for the statement / Maximum number of simultaneous queries for the statement
Avg Elapsed Time	Average elapsed time per statement execution
Min Elapsed Time	Minimum elapsed time per statement execution
Max Elapsed Time	Maximum elapsed time per statement execution
Avg CPU Time	Average CPU time per statement execution
Min CPU Time	Minimum CPU time per statement execution
Max CPU Time	Maximum CPU time per statement execution
Avg LIO	Average logical I/Os per statement execution
Min LIO	Minimum logical I/Os per statement execution
Max LIO	Maximum logical I/Os per statement execution
Avg PIO	Average physical I/Os per statement execution
Min PIO	Minimum physical I/Os per statement execution
Max PIO	Maximum physical I/Os per statement execution
Last Used	Time when the statement was last used
Last Recompiled	Time when the statement was last recompiled
Database	Database name
Parallel Degree	Degree of parallelism

Entity Requirements

Attributes: MDA (and no CE or CEINST)

Minimum database version: 15.0.2

Related reference

[MDA_CACHEDSTMT](#) on page 403

Cached statement statistics

[MDA_CACHEDSQLTEXT](#) on page 403

SQL text of cached statements

[MDA_CACHEDSTMT](#) on page 251

MDA_CACHEDSTMT store

[MDA_CACHEDSQLTEXT](#) on page 250

MDA_CACHEDSQLTEXT store

Recently Executed Stmts

Recently executed statements

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
SQL Text	SQL text preview
Start Time	Start time of statement
Elapsed Time	Elapsed time
Logical Reads	Number of logical reads
Physical Reads	Number of physical reads
CPU Time	CPU time
Wait Time	Wait time
Rows Affected	Number of rows affected
Memory	Memory usage
Plan Altered	Number of plans altered
Packets Sent	Number of network packets sent
Bytes Sent	Network bytes sent
Packets Received	Number of network packets received
Bytes Received	Network bytes received
Login	User login name
Start Database	Name of the database where the batch started
Error Status	Error code, if an error occurred
RSQLID	RSQL ID; created by Surveillance
Batch ID	Batch ID
End Time	End time of statement
KPID	Kernel process ID

Entity Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[MDA_RECENTSTMT_PIPE](#) on page 413

Recently executed statements

[MDA_RECENTSQLTEXT_PIPE](#) on page 412

SQL text of recently executed statements

[MDA_RECENTSTMT_PIPE](#) on page 256

MDA_RECENTSTMT_PIPE store

[MDA_RECENTSQLTEXT_PIPE](#) on page 256

MDA_RECENTSQLTEXT_PIPE store

Procedure Activity

Procedure activity

Columns

Name	Description
Database	Database name
Procedure	Procedure name
Avg Elapsed Time	Average elapsed time per procedure call, since oldest data available
Min Elapsed Time	Minimum elapsed time per procedure call, since oldest data available
Max Elapsed Time	Maximum elapsed time per procedure call, since oldest data available
Use Count	Total number of times procedure was used, since oldest data available
Type	Procedure type
Avg CPU Time	Average CPU time per procedure call, since oldest data available
Min CPU Time	Minimum CPU time per procedure call, since oldest data available
Max CPU Time	Maximum CPU time per procedure call, since oldest data available
Avg Wait Time	Average wait time per procedure call, since oldest data available
Min Wait Time	Minimum wait time per procedure call, since oldest data available
Max Wait Time	Maximum wait time per procedure call, since oldest data available
Total CPU Time	Total CPU time, over all procedure calls, since oldest data available
Total Wait Time	Total wait time, over all procedure calls, since oldest data available
Total Elapsed Time	Total elapsed time, over all procedure calls, since oldest data available
Ovr CPU Time	Total CPU time, since collection started
Ovr Wait Time	Total wait time, since collection started
Ovr Elapsed Time	Total elapsed time, since collection started
Cur CPU Time	Delta total CPU time
Cur Wait Time	Delta total wait time
Cur Elapsed Time	Delta total elapsed time
Other Time	Total other time, over all procedure calls, since oldest data available

Entity Requirements

Attributes:

MDA

Minimum database version: 15.0.3

Related reference

[MDA_SYSPROCS](#) on page 416
Procedure activity

[MDA_SYSPROCS](#) on page 258
MDA_SYSPROCS store

ASE Error Log

Error log entries (from MDA)

Columns

Name	Description
Time	Time when the error occurred
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
Severity	Error message severity; 99 = stack trace, in ASE 15.7 or later; in ASE pre-15.7, 0 was used for stack traces
Error Number	Error message number
Error Text	Error message

Entity Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_ERRORLOG_PIPE](#) on page 455
Error log entries (from MDA)

[MDA_ERRORLOG_PIPE](#) on page 296
MDA_ERRORLOG_PIPE store

Recent History - Compliance Auditing

Auditing for compliance, based on historical data from ASE auditing

Columns

Name	Description
Event Time	Time of audit event occurring
Cmd Type	Type of command (DDL, DML)
Denied?	Denied = Operation was denied (EVENTMOD = 2); (blank) = operation was allowed (EVENTMOD = 0 or 1)

Name	Description
Event	Name of audit event
Object Name	Name of object involved in operation
Login	Login name for session with audited operation
SPID	Session process ID
Database	Database name
P1	First extra information, such login IP address or command text
P2	Second extra information

Entity Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[AUDIT_PIPE](#) on page 441

Audit entries

[AUDIT_PIPE](#) on page 272

AUDIT_PIPE store

Recent History - Operational Auditing

Auditing for operational purposes, based on historical data from Recently Executed Statements

Columns

Name	Description
Inst ID	Instance ID; 0 = non-CE
SPID	Session process ID
SQL Text	SQL text preview
Start Time	Start time of statement
Elapsed Time	Elapsed time
Rows Affected	Number of rows affected
Login	User login name
Start Database	Name of the database where the batch started
Error Status	Error code, if an error occurred
Batch ID	Batch ID
End Time	End time of statement
KPID	Kernel process ID

Entity Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[MDA_RECENTSTMT_PIPE](#) on page 413

Recently executed statements

[MDA_RECENTSQLTEXT_PIPE](#) on page 412

SQL text of recently executed statements

[MDA_RECENTSTMT_PIPE](#) on page 256

MDA_RECENTSTMT_PIPE store

[MDA_RECENTSQLTEXT_PIPE](#) on page 256

MDA_RECENTSQLTEXT_PIPE store

Chapter 2

Rules By Category

Topics:

- SQL
- Storage
- Other

SQL

SYB_BLOCKTREE_BLOCKER

Blocker exceeds blocked process count and time thresholds rule

Alert Message

spid #@spid@ has been blocking @blocked_count@ processes for @max_time_blocked@ seconds (thresholds = @BLOCK_COUNT@ blocked processes, @BLOCK_SECS@ seconds).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

BLOCKTREE

Related reference

[BLOCKTREE](#) on page 273

BLOCKTREE store

Related information

[#unique_193](#)

SYB_MDA_BLOCKTREE_BLOCKER

Blocker exceeds blocked process count and time thresholds rule

Alert Message

spid #@SPID@ has been blocking @BLOCKEDCOUNT@ processes for @MAXTIMEBLOCKED@ seconds (thresholds = @BLOCK_COUNT@ blocked processes, @BLOCK_SECS@ seconds).

Detail View

[Blocked Processes](#) on page 34

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes

Attributes	MDA;!CEINST
------------	-------------

Source Collection

MDA_BLOCKTREE

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_BLOCKTREE_BLOCKER_DTCH

Detached blocker exceeds blocked process count and time thresholds rule

Alert Message

Detached xact @XACTNAME@ (xa_gtrid=@GTRIDXA@, xa_bqual=@BQUALXA@) has been blocking @BLOCKEDCOUNT@ processes for @MAXTIMEBLOCKED@ seconds (thresholds = @BLOCK_COUNT@ blocked processes, @BLOCK_SECS@ seconds).

Detail View

[Blocked Processes](#) on page 34

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	MDA;!CEINST

Source Collection

MDA_BLOCKTREE

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_BLOCKTREE_WAITER

Waiter exceeds time thresholds waiting on process rule

Alert Message

spid #@SPID@ has been waiting @TIMEBLOCKED@ seconds on spid #@BLOCKERSPID@ for table @TABLEDBNAME@..@TABLENAME@ (@LOCKTYPE@, @LOCKLEVEL@, page=@PAGENUMBER@, row=@ROWNUMBER@). \

Detail View

[Blocked Processes](#) on page 34

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	MDA;!CEINST

Source Collection

MDA_BLOCKTREE

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_BLOCKTREE_WAITER_DTCH

Waiter exceeds time thresholds waiting on detached process rule

Alert Message

spid #@SPID@ has been waiting @TIMEBLOCKED@ seconds on detached xact @BLOCKERXACTNAME@ (xa_gtrid=@BLOCKERGTRIDXA@, xa_bqual=@BLOCKERBQUALXA@) \

Detail View

[Blocked Processes](#) on page 34

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes

Attributes	MDA;!CEINST
------------	-------------

Source Collection

MDA_BLOCKTREE

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_PROCBATCH_LONGBATCH

Batch elapsed time > value rule

Alert Message

Process @SPID@, batch @BATCHID@ elapsed time (@ELAPSEDTIME@) > @VALUE@ (seconds)

Detail View

[Current Executing Stmts](#) on page 36

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	30 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_PROCBATCH

Related reference

[MDA_PROCBATCH](#) on page 405

Current executing batches

[MDA_PROCBATCH](#) on page 251

MDA_PROCBATCH store

[Current Executing Stmts](#) on page 36

Current executing statements

Storage

SYB_CEINST_DB_DATA_SPACE_UTIL

Cluster Instance Local TempDB: Data space % full > value rule

Alert Message

@db_owner@..@db_name@, Data space @dbDataPcntFull@% full exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;CEINST

Source Collection

MDA_DATABASE

Related reference

[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DB_HOURS_SINCE_DUMP

Cluster Instance Local TempDB: Hours since last dump > value rule

Alert Message

@db_owner@..@db_name@, Hours since dump @hours_since_dump@ exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	3600 seconds
Occurrence Window	1 / 1
Enabled	No

Attributes	MDA;CEINST
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Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DB_LOG_SPACE_UTIL

Cluster Instance Local TempDB: Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Log space @dbLogPcntFull@% full exceeds @VALUE@

Detail View[Databases](#) on page 41**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DB_TOTAL_SPACE_UTIL

Cluster Instance Local TempDB: Data+Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Data+Log space @dbTotPcntFull@% full exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;CEINST

Source Collection

MDA_DATABASE

Related reference

[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DEVSPACE_PERCENTUSED

Cluster Instance Local TempDB: Device utilization exceeds value rule

Alert Message

Device @device@ % utilization at @pctused@ exceeds @VALUE@. Free MB = @freeMB@

Detail View

[Device Space](#) on page 48

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

DEVSPACE

Related reference

[DEVSPACE](#) on page 418

Device space usage

[DEVSPACE](#) on page 262

DEVSPACE store

[Device Space](#) on page 48

Device space usage

SYB_CEINST_LOG_HOLD_TIME

Cluster Instance Local TempDB: Transaction with log held for time > value (seconds) rule

Alert Message

Database (@dbname@) transaction (spid=@spid@, txn name=@name@) has been running for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_CEINST_LOG_REP_TRUNC_TIME

Cluster Instance Local TempDB: Replication truncation point has not moved for time > value (seconds ago) rule

Alert Message

Replication truncation point (database = @dbname@) has not moved for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5

Enabled	Yes
Attributes	CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_CEINST_LOG_SUSPENDS

Cluster Instance Local TempDB: Database is in LOG SUSPEND rule

Alert Message

CRITICAL: database (@dbname@) is in "LOG SUSPEND".

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FREE_CRITIC

Cluster Instance Local TempDB: Data segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FULL_CRITIC

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FULL_INFO

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FULL_WARN

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_MB_FREE_INFO

Cluster Instance Local TempDB: Data segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_MB_FREE_WARN

Cluster Instance Local TempDB: Data segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FREE_CRITICAL

Cluster Instance Local TempDB: Log segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FULL_CRITICAL

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FULL_INFO

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FULL_WARN

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_MB_FREE_INFO

Cluster Instance Local TempDB: Log segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_MB_FREE_WARN

Cluster Instance Local TempDB: Log segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGUSAGE_SUSPECTDB

Cluster Instance Local TempDB: Suspect (offline) Database Identified rule

Alert Message

Database @dbname@ is suspect (status 32 or 256, or status2 16)

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_DATABASES_DATA_SPACE_UTIL

Data space % full > value rule

Alert Message

@db_owner@..@db_name@, Data space @dbDataPcntFull@% full exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference

[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DATABASES_HOURS_SINCE_DUMP

Hours since last dump > value rule

Alert Message

@db_owner@..@db_name@, Hours since dump @hours_since_dump@ exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	3600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DATABASES_LOG_SPACE_UTIL

Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Log space @dbLogPcntFull@% full exceeds @VALUE@

Detail View[Databases](#) on page 41**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DATABASES_TOTAL_SPACE_UTIL

Data+Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Data+Log space @dbTotPcntFull@% full exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference

[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DB_DATA_SPACE_UTIL

(Non MDA) Data space % full > value rule

Alert Message

@db_owner@..@db_name@, Data space @dbDataPcntFull@% full exceeds @VALUE@

Detail View

[#unique_201](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

DATABASE

Related reference[DATABASE](#) on page 260

DATABASE store

Related information[#unique_202](#)[#unique_201](#)**SYB_DB_HOURS_SINCE_DUMP**

(Non MDA) Hours since last dump > value rule

Alert Message

@db_owner@..@db_name@, Hours since dump @hours_since_dump@ exceeds @VALUE@

Detail View[#unique_201](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	3600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE,!CEINST

Source Collection

DATABASE

Related reference[DATABASE](#) on page 260

DATABASE store

Related information[#unique_202](#)[#unique_201](#)**SYB_DB_LOG_SPACE_UTIL**

(Non MDA) Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Log space @dbLogPcntFull@% full exceeds @VALUE@

Detail View

[#unique_201](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

DATABASE

Related reference

[DATABASE](#) on page 260
DATABASE store

Related information

[#unique_202](#)
[#unique_201](#)

SYB_DB_TOTAL_SPACE_UTIL

(Non MDA) Data+Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Data+Log space @dbTotPcntFull@% full exceeds @VALUE@

Detail View

[#unique_201](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

DATABASE

Related reference

[DATABASE](#) on page 260

DATABASE store

Related information

[#unique_202](#)

[#unique_201](#)

SYB_DEVSPACE_PERCENTUSED

Device utilization exceeds value rule

Alert Message

Device @device@ % utilization at @pctused@ exceeds @VALUE@. Free MB = @freeMB@

Detail View

[Device Space](#) on page 48

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

DEVSPACE

Related reference

[DEVSPACE](#) on page 418

Device space usage

[DEVSPACE](#) on page 262

DEVSPACE store

[Device Space](#) on page 48

Device space usage

SYB_GLOB_DISKIO

Disk IO rate exceeds value rule

Alert Message

Disk IO rate exceeded @VALUE@. Curr = @"Disk I/O (read + write)".Current@. Avg = @"Disk I/O (read + write)".Avg@. Peak = @"Disk I/O (read + write)".Max@.

Detail View[Global](#) on page 20**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_DISK_ERRORS_CURR

Current Disk Errors exceeds value rule

Alert Message

Current Disk Errors exceeded @VALUE@, Curr = @"Disk Errors".Current@, Avg = @"Disk Errors".Avg@.

Detail View[Global](#) on page 20**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443
Global statistics

[GLOBALSTATS](#) on page 288
GLOBALSTATS store

[Global](#) on page 20
Global statistics

SYB_GLOB_DISK_ERRORS_TOT

Total Disk Errors exceeds value rule

Alert Message

Total Disk Errors exceeded @VALUE@. Tot = @"Disk Errors".Total@. Curr = @"Disk Errors".Current@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443
Global statistics

[GLOBALSTATS](#) on page 288
GLOBALSTATS store

[Global](#) on page 20
Global statistics

SYB_GLOB_LOG_SUSPENDS

Processes suspended for log space exceeds value rule

Alert Message

@"Log Suspends".Current@ Processes suspended for log space exceeds @VALUE@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_SUSPECT_DATABASES

Suspect (offline) Database Count > 0 rule

Alert MessageSuspect Database Count [[@"Suspect Databases".Current@](#)] > [[@VALUE@](#)]**Detail View**[Global](#) on page 20**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_SUSPECT_OBJECTS

Suspect Object Count > 0 rule

Alert Message

Suspect Object Count [[@"Suspect Objects".Current@](#)] > [[@VALUE@](#)]

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_HEALTH_SYSLOGSHOLD

DEPRECATED: Oldest Transaction exceeds limit rule

Alert Message

Transaction [[@NAME@](#)] for SPID [@SPID@](#) held in Database [[@DBNAME@](#)] for [@SECS_HELD@](#) secs.

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No

Attributes	!CE;!CEINST
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Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_LOG_HOLD_TIME

Transaction with log held for time > value (seconds) rule

Alert Message

Database (@dbname@) transaction (spid=@spid@, txn name=@name@) has been running for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	!CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_LOG_REP_TRUNC_TIME

Replication truncation point has not moved for time > value (seconds ago) rule

Alert Message

Replication truncation point (database = @dbname@) has not moved for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET

Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	!CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_LOG_SUSPENDS

Database is in LOG SUSPEND rule

Alert Message

CRITICAL: database (@dbname@) is in "LOG SUSPEND".

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_MDA_DEVICEIO_IO_RATE

IOs per sec exceeds value rule

Alert Message

@LogicalName@, IOs per sec @IO_Rate@ > @VALUE@

Detail View

[Device IO](#) on page 51

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEVICE_IO

Related reference

[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_DEVICEIO_READ_RATE

Reads per sec exceeds value rule

Alert Message

@LogicalName@, Reads per sec @Reads_Rate@ > @VALUE@

Detail View

[Device IO](#) on page 51

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEVICE_IO

Related reference[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_DEVICEIO_TIME_PER_IO

Milliseconds per IO exceeds value rule

Alert Message

@LogicalName@, Milliseconds per IO @TimePerIOMS@ > @VALUE@

Detail View[Device IO](#) on page 51**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEVICE_IO

Related reference[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_DEVICEIO_WRITE_RATE

Writes per sec exceeds value rule

Alert Message

@LogicalName@, Writes per sec @Writes_Rate@ > @VALUE@

Detail View

[Device IO](#) on page 51

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEVICE_IO

Related reference

[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_HEALTH_SUSPECT_DB

Suspect DB count exceeds value rule

Alert Message

Suspect Databases @"Suspect Databases".current@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_SUSPECT_OBJECTS

Suspect Obj count exceeds value rule

Alert Message

Suspect Objects @"Suspect Objects".current@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_PROCESS_PHYSIO_RATE

Physical IO rate exceeds value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Phys IO rate @physical_io_rate@ exceeds @VALUE@.

Detail View

[#unique_211](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)**SYB_REP_LOG_SUSPENDED_THREADS**

Replication log suspended DSI threads exceeds threshold value rule

Alert Message

Log Suspended Replication DSI threads for database for @DBNAME@ = @log_suspended_dsi_threads@ which exceeds the @VALUE@ threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information[#unique_215](#)**SYB_SEGUSAGE_LOGPERCENTUSED**

DEPRECATED: Log Segment utilization exceeds value rule

Alert Message

Log Segment in @dbname@ % utilization at @usedpct@ exceeds @VALUE@. Free Pages = @freepages@

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEGUSAGE_NONLOGPERCENTUSED

DEPRECATED: NonLog Segment utilization exceeds value rule

Alert Message

Segment @segname@ in @dbname@ % utilization at @usedpct@ exceeds @VALUE@. Free Pages = @freepages@

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEGUSAGE_PERCENTUSED

DEPRECATED: Segment utilization exceeds value rule

Alert Message

Segment @segname@ in @dbname@ % utilization at @usedpct@ exceeds @VALUE@. Free Pages = @freepages@

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEGUSAGE_SUSPECTDB

Suspect (offline) Database Identified rule

Alert Message

Database @dbname@ is suspect (status 32 or 256, or status2 16)

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_MB_FREE_CRITICAL

Data segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_MB_FREE_INFO

Data segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_MB_FREE_WARN

Data segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_PCNT_FULL_CRITICAL

Data segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46
Segment space usage

SYB_SEG_DATA_PCNT_FULL_INFO

Data segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435
Segment space usage

[SEGUSAGE](#) on page 268
SEGUSAGE store

[Segment Usage](#) on page 46
Segment space usage

SYB_SEG_DATA_PCNT_FULL_WARN

Data segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds

Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_MB_FREE_CRITICAL

Log segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_MB_FREE_INFO

Log segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_MB_FREE_WARN

Log segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_PCNT_FULL_CRITICAL

Log segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_PCNT_FULL_INFO

Log segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_PCNT_FULL_WARN

Log segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_TRANSLOG_APPEND_LOG_WAIT

High contention with transferring transaction log pages rule

Alert Message

In database [%NAME%], Append Log Wait % [%APPENDLOGWAITPCT%] is > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

TRANSLOG

Related reference

[TRANSLOG](#) on page 438

Transaction log activity

[TRANSLOG](#) on page 271

TRANSLOG store

[Health](#) on page 21

Overall health of the database instance

Other

SYB_CE_ACTION_TIME

Action has been running for time > value (seconds) rule

Alert Message

Action [#@Handle@] has been running for @ElapsedSeconds@ > @VALUE@ seconds

Detail View[#unique_219](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_ACTION

Related reference[CE_ACTION](#) on page 274

CE_ACTION store

Related information[#unique_220](#)[#unique_219](#)**SYB_CE_CIPC_BUFFERS_CRITICAL**

CIPC Regular or Large Buffer Pool > value (percent full) rule

Alert Message

CIPC Regular Buffers [@RegularBuffersPct@%] or Large Buffers [@LargeBuffersPct@%] for instance
 [@InstanceName@] > @VALUE@% full

Detail View[#unique_223](#)**Default Rule Properties**

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_CIPC

Related reference[CE_CIPC](#) on page 274

CE_CIPC store

Related information[#unique_224](#)[#unique_223](#)**SYB_CE_CIPC_BUFFERS_WARNING**

CIPC Regular or Large Buffers > value (percent full) rule

Alert Message

CIPC Regular Buffers [[@RegularBuffersPct@%](#)] or Large Buffers [[@LargeBuffersPct@%](#)] for instance [[@InstanceName@](#)] > [@VALUE@%](#) full

Detail View[#unique_223](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CIPC

Related reference[CE_CIPC](#) on page 274

CE_CIPC store

Related information[#unique_224](#)[#unique_223](#)**SYB_CE_CLUSTER_DOWN**

Logical cluster Down rule

Alert MessageLogical cluster [[@Name@](#)] is down**Detail View**[#unique_219](#)

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_CLUSTER

Related reference[CE_CLUSTER](#) on page 277

CE_CLUSTER store

Related information[#unique_228](#)[#unique_219](#)**SYB_CE_CLUSTER_INST_DOWN**

Cluster Instance Down rule

Alert Message

Instance [@PInstanceName@] in cluster [@LogicalClusterName@] is down

Detail View[#unique_219](#)**Default Rule Properties**

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_LOGICAL_INSTANCE

Related reference[CE_LOGICAL_INSTANCE](#) on page 279

CE_LOGICAL_INSTANCE store

Related information[#unique_231](#)

[#unique_219](#)**SYB_CE_CLUSTER_INST_FAILBACK**

Failback started on logical cluster instance rule

Alert Message

Failback in cluster [@LOGICALCLUSTERNAME@] from instances [@FROMINSTANCES@] to
 [@TOINSTANCES@] started [@STARTTIME@]

Detail View[#unique_219](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_ACTION

Related reference[CE_ACTION](#) on page 274

CE_ACTION store

Related information[#unique_220](#)[#unique_219](#)**SYB_CE_CLUSTER_INST_FAILOVER**

Failover started on logical cluster instance rule

Alert Message

Failover in cluster [@LOGICALCLUSTERNAME@] from instances [@FROMINSTANCES@] to
 [@TOINSTANCES@] started [@STARTTIME@]

Detail View[#unique_219](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	60 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_ACTION

Related reference[CE_ACTION](#) on page 274

CE_ACTION store

Related information[#unique_220](#)[#unique_219](#)**SYB_CE_CLUSTER_INST_OFFLINE**

Cluster Instance Offline rule

Alert MessageInstance [[@PInstanceName@](#)] in cluster [[@LogicalClusterName@](#)] is [@State@](#)**Detail View**[#unique_219](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_LOGICAL_INSTANCE

Related reference[CE_LOGICAL_INSTANCE](#) on page 279

CE_LOGICAL_INSTANCE store

Related information[#unique_231](#)[#unique_219](#)**SYB_CE_CLUSTER_OFFLINE**

Logical cluster Offline rule

Alert Message

Logical cluster [@Name@] is @State@

Detail View

[#unique_219](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CLUSTER

Related reference

[CE_CLUSTER](#) on page 277

CE_CLUSTER store

Related information

[#unique_228](#)

[#unique_219](#)

SYB_CE_LINK_DOWN

Link in cluster interconnect is down rule

Alert Message

Link between @LocalInterface@ and @RemoteInterface@ is down

Detail View

[#unique_223](#)

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CIPCLINKS

Related reference[CE_CIPCLINKS](#) on page 275

CE_CIPCLINKS store

Related information[#unique_238](#)[#unique_223](#)**SYB_CE_MSG_DROP_RATE**

Dropped message rate > value (per second) rule

Alert Message

Dropped message rate between instance [[@InstanceID@](#)] and far instance [[@FarInstanceID@](#)] is [@dropped_rate@](#) > [@VALUE@](#) (per second)

Detail View[#unique_223](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CIPCMESH

Related reference[CE_CIPCMESH](#) on page 276

CE_CIPCMESH store

Related information[#unique_241](#)[#unique_223](#)**SYB_CE_PHYSICAL_INST_OFFLINE**

Physical Cluster Instance Offline rule

Alert MessageThe physical instance [[@name@](#)] is offline**Detail View**[#unique_219](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_PHYSICAL_INSTANCE

Related reference[CE_PHYSICAL_INSTANCE](#) on page 280

CE_PHYSICAL_INSTANCE store

Related information[#unique_244](#)[#unique_219](#)**SYB_GLOB_ACTIVE_LOCKS**

Active Lock count exceeds value rule

Alert Message

Active Locks exceeded @VALUE@. Curr = @"Active Locks".Current@. Avg = @"Active Locks".Avg@.

Detail View[Global](#) on page 20**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_BLOCKED

Blocked Process count exceeds value rule

Alert Message

Blocked Process count exceeded @VALUE@. Curr = @"Blocked Processes".Current@. Avg = @"Blocked Processes".Avg@. Peak = @"Blocked Processes".Max@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_CPU_UTIL

Datasever aggregate CPU utilization > value (percentage) rule

Alert Message

Datasever aggregate CPU utilization is @"CPU HSecs".Current@%.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET

Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_LONGBLOCKWAIT

Longest Block Wait (sec) exceeds value rule

Alert Message

Long Blk Wait (sec) exceeded @VALUE@. Curr = @"Longest Block Wait (seconds)".Current@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_MEMORY_USAGE

Memory usage exceeds value rule

Alert Message

Memory usage [[@"Memory Used \(M bytes\)".Current@](#)] exceeds [[@VALUE@](#)].

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PACKETIO

Packet IO rate exceeds value rule

Alert Message

Packet IO rate exceeded [@VALUE@](#). Curr = [@"Packet I/O \(received + sent\)".Current@](#). Avg = [@"Packet I/O \(received + sent\)".Avg@](#). Peak = [@"Packet I/O \(received + sent\)".Max@](#).

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1

Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PACKET_ERRORS_CURR

Current Packet Errors exceeds value rule

Alert Message

Current Packet Errors exceeded @VALUE@. Curr = @"Packet Errors".Current@. Avg = @"Packet Errors".Avg@.

Detail View[Global](#) on page 20**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PACKET_ERRORS_TOT

Total Packet Errors exceeds value rule

Alert Message

Total Packet Errors exceeded @VALUE@. Tot = @"Packet Errors".Total@. Curr = @"Packet Errors".Current@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PROCESSES

Process count exceeds value rule

Alert Message

Process count exceeded @VALUE@. Curr = @Processes.Current@. Avg = @Processes.Avg@. Peak = @Processes.Max@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_USERS

User count exceeds value rule

Alert Message

User count exceeded @VALUE@. Curr = @Users.Current@. Avg = @Users.Avg@. Peak = @Users.Max@.

Detail View[Global](#) on page 20**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_USER_PROCESSES

User Process count exceeds value rule

Alert Message

User Process count exceeded @VALUE@. Curr = @"User Processes".Current@. Avg = @"User Processes".Avg@. Peak = @"User Processes".Max@.

Detail View[Global](#) on page 20**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_HEALTH_CONFIG_LIMITS

Configuration limit exceeds value rule

Alert Message

Configuration parameter [@PARAM@] usage [@PCT_USED@]% exceeds [@VALUE@].

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

CONFIG_VS_ACTUAL

Related reference[CONFIG_VS_ACTUAL](#) on page 284

CONFIG_VS_ACTUAL store

Related information[#unique_247](#)**SYB_LISTENER_MISSING**

Missing listener rule

Alert Message

Missing listener: Host=@LISTENER_HOST@, Port=@LISTENER_PORT@

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	None

Source Collection

LISTENER

Related reference[LISTENER](#) on page 446

Listeners

[LISTENER](#) on page 292

LISTENER store

SYB_LISTENER_SUSPEND

Suspended listeners rule

Alert Message

Suspended listeners: Host=@HOST@, Port=@PORT@

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	None

Source Collection

LISTENER

Related reference

[LISTENER](#) on page 446

Listeners

[LISTENER](#) on page 292

LISTENER store

SYB_LOGFILE_CRITICAL

Critical ASE log entry found rule

Alert Message

@APPNAME@/@ERRORLEVEL@/@ERRORCODE@: @ERRORTEXT@

Default Rule Properties

Severity	30
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	LOCAL

Source Collection

LOGFILE

Related reference

[LOGFILE](#) on page 447

Error log entries from local file

[LOGFILE](#) on page 293

LOGFILE store

SYB_LOGFILE_ERROR

Error ASE log entry found rule

Alert Message

@APPNAME@/@ERRORLEVEL@/@ERRORCODE@: @ERRORTEXT@

Default Rule Properties

Severity	20
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	LOCAL

Source Collection

LOGFILE

Related reference[LOGFILE](#) on page 447

Error log entries from local file

[LOGFILE](#) on page 293

LOGFILE store

SYB_LOGFILE_HALT

Shutdown ASE log entry found rule

Alert Message

@APPNAME@/@ERRORLEVEL@/@ERRORCODE@: @ERRORTEXT@

Default Rule Properties

Severity	20
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	LOCAL

Source Collection

LOGFILE

Related reference[LOGFILE](#) on page 447

Error log entries from local file

[LOGFILE](#) on page 293

LOGFILE store

SYB_LOGINS_CURR_CONNECTIONS

Current connections exceeds value rule

Alert Message

Current connections for @name@ exceeds @VALUE@. Curr = @login_counts@.

Detail View[#unique_259](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)**SYB_LOGINS_CURR_CPU_PERCENT**

Current CPU Percent for Login exceeds value rule

Alert Message

Current CPU Percent for @name@ exceeds @VALUE@. Curr = @cpupct@.

Detail View[#unique_259](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)**SYB_LOGINS_CURR_MEMORY**

Current Memory usage for Login exceeds value rule

Alert Message

Current Memory usage for @name@ exceeds @VALUE@. Curr = @memusage@.

Detail View

[#unique_259](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference

[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information

[#unique_259](#)

SYB_LOGINS_DEFAULT_DATABASE

Default database for Login like name rule

Alert Message

Default database for @name@ like "@VALUE@". Curr = "@default_database@".

Detail View

[#unique_259](#)

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)**SYB_LOGINS_UNSECURE_PASSWORD**

Password < 6 chars or NULL rule

Alert Message

Password for @name@ < 6 chars or NULL!

Detail View[#unique_259](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)**SYB_MDA_CACHEPOOL_STALLS**

Buffer pool of a data cache is stalled rule

Alert Message

Buffer pool [@IOBUFFERSIZE@] in cache [@CACHENAME@] is experiencing stalls. Buffer pool size [@ALLOCATEDKB@ KB] may be too small for current load.

Detail View

[Cache Activity](#) on page 53

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_CACHEPOOL

Related reference

[MDA_CACHEPOOL](#) on page 421

Data cache buffer pools

[MDA_CACHEPOOL](#) on page 264

MDA_CACHEPOOL store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_LOGREADS

Datacache logical reads/sec > value rule

Alert Message

Datacache @CacheName@, logical reads/sec @logicalreads_rate@ > @VALUE@

Detail View

[Cache Activity](#) on page 53

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference

[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_MISS_PCT

Datacache miss percent > value rule

Alert Message

Datacache @CacheName@, miss percent @miss_pct@% > @VALUE@%

Detail View

[Cache Activity](#) on page 53

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference

[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_PHYWRITES

Datacache phys writes/sec > value rule

Alert Message

Datacache @CacheName@, physical writes/sec @physicalwrites_rate@ > @VALUE@

Detail View

[Cache Activity](#) on page 53

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_STALLS

Data cache is stalled rule

Alert Message

Cache [@CACHENAME@] is experiencing stalls. One or more buffer pools may be too small for current load.

Detail View[Cache Activity](#) on page 53**Default Rule Properties**

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DEADLOCK_OCCURRED

Deadlock identified rule

Alert Message

Deadlock for @dbname@..@objectname@(pg=@pagenumber@,row=@rownumber@). Holdspid @HeldSPID@, Waitspid @WaitSPID@

Detail View

[#unique_267](#)

Default Rule Properties

Severity	20
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEADLOCK_PIPE

Related reference

[MDA_DEADLOCK_PIPE](#) on page 451

Deadlocks

[MDA_DEADLOCK_PIPE](#) on page 295

MDA_DEADLOCK_PIPE store

Related information

[#unique_267](#)

SYB_MDA_ENGINE_CPU_PCT

Individual dataserver engine CPU utilization > value (percentage) rule

Alert Message

Dataserver engine #@EngineNumber@ CPU utilization is above @VALUE@% (user busy = @UserCPU_Rate@%, system busy = @SystemCPU_Rate@%).

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
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Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	MDA;!CE

Source Collection

MDA_ENGINE

Related reference

[MDA_ENGINE](#) on page 453

Engines

[MDA_ENGINE](#) on page 296

MDA_ENGINE store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_CPU_PCT

Dataserver aggregate CPU utilization > value (percentage) rule

Alert Message

Dataserver aggregate CPU utilization is @ "CPU HSecs".Current@%.

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_MEM_USED

Memory Used (MB) exceeds value rule

Alert Message

Memory Used (Mbytes) @"Memory Used (Mbytes)".current@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_BLOCKED

Blocked process count > value rule

Alert Message

Blocked process count @"Blocked".value@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No

Attributes	MDA;!CE
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Source Collection

MDA_HEALTH_PROCESS

Related reference

[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_CONN_CNT

Connection count exceeds value rule

Alert Message

Connection count @"Connections".value@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_PROCESS

Related reference

[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_COUNT

Process count exceeds value rule

Alert Message

Process count @"Total Processes".value@ > @VALUE@

Detail View[Health](#) on page 21**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_PROCESS

Related reference[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_SUSPENDS

Suspended process count > value rule

Alert Message

Suspended process count @"Suspended".value@ > @VALUE@

Detail View[Health](#) on page 21**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_PROCESS

Related reference

[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_LOCK_ORPHAN

Orphaned locks rule

Alert Message

Orphaned locks: @SPID@/@LOCKID@/@TABNAME@/@LOCKTYPE@

Detail View

[Locks](#) on page 32

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_LOCK

Related reference

[MDA_LOCK](#) on page 459

Locks

[MDA_LOCK](#) on page 299

MDA_LOCK store

[Locks](#) on page 32

Locks

SYB_MDA_PROCESS_CPU_PERCENT

Individual process CPU utilization > value (percentage) rule

Alert Message

CPU utilization is at @cpupct@% for spid=@SPID@ (login=@Login@, application=@application@, command=@Command@).

Detail View

[Processes](#) on page 27

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_PROCESS

Related reference[MDA_PROCESS](#) on page 469

Processes

[MDA_PROCESS](#) on page 304

MDA_PROCESS store

[Processes](#) on page 27

Processes

SYB_MDA_PROCESS_WAITSECS

Process waitsecs > value rule

Alert Message

Process @spid@/@login@/@application@ waitsecs > @VALUE@

Detail View[Processes](#) on page 27**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_PROCESS

Related reference[MDA_PROCESS](#) on page 469

Processes

[MDA_PROCESS](#) on page 304

MDA_PROCESS store

[Processes](#) on page 27

Processes

SYB_MDA_THRESHOLD_EVENT

Record New Threshold Events rule

Alert Message

New threshold event: User @LOGIN@ with SPID/BatchID (@SPID@/@BATCHID@) reported at (@REPORTDATETIME@)

Detail View

[#unique_271](#)

Default Rule Properties

Severity	20
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_THRESHOLD_PIPE

Related reference

[MDA_THRESHOLD_PIPE](#) on page 476

Threshold events for configured resource limitations

[MDA_THRESHOLD_PIPE](#) on page 307

MDA_THRESHOLD_PIPE store

Related information

[#unique_271](#)

SYB_PROCESS_BLOCKED_TIME

Seconds Blocked exceeds value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Blocked Seconds @time_blocked@ exceeds @VALUE@.

Detail View

[#unique_211](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET

Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference

[PROCESS](#) on page 309

PROCESS store

Related information

[#unique_212](#)

[#unique_211](#)

SYB_PROCESS_CPU_PERCENT

Individual process CPU utilization > value (percentage) rule

Alert Message

CPU utilization is at @cpupct@% for spid=@spid@ (login=@login@, application=@program_name@, command=@cmd@).

Detail View

[#unique_211](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference

[PROCESS](#) on page 309

PROCESS store

Related information

[#unique_212](#)

[#unique_211](#)

SYB_PROCESS_DECEASED_SPID

Record Deceased SPIDs rule

Alert Message

Session Deceased: @spid@/@login@/@hostname@/@program_name@

Detail View

[#unique_211](#)

Default Rule Properties

Severity	10
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference

[PROCESS](#) on page 309
PROCESS store

Related information

[#unique_212](#)
[#unique_211](#)

SYB_PROCESS_NEW_SPID

Record New SPIDs rule

Alert Message

New Session: @spid@/@login@/@hostname@/@program_name@

Detail View

[#unique_211](#)

Default Rule Properties

Severity	10
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)**SYB_PROCESS_STATUS**

Process status like value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Status @status@ like @VALUE@

Detail View[#unique_211](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)**SYB_PROCESS_TRANSACTION_NAME**

Transaction Name like value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Transaction Name @tran_name@ like @VALUE@

Detail View[#unique_211](#)

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)**SYB_REPAGENT_ADDED**

Replication Agent added rule

Alert Message

RepAgent for @RA_DATABASE@ has been added

Default Rule Properties

Severity	10
Event Type	STD
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information[#unique_281](#)**SYB_REPAGENT_BEHIND_SECONDS**

Replication truncation point is behind by threshold seconds rule

Alert Message

RepAgent for @RA_DATABASE@, truncation point is behind by @oldest_txn_elapsed_secs@ seconds, which exceeds the @VALUE@ threshold

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REPAGENT_DROPPED

Replication Agent dropped rule

Alert Message

RepAgent for @RA_DATABASE@ has dropped

Default Rule Properties

Severity	10
Event Type	STD
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REPAGENT_STARTED

DEPRECATED: Replication Agent Started rule

Alert Message

RepAgent for @RA_DATABASE@ has restarted

Default Rule Properties

Severity	10
Event Type	STD
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REPAGENT_STATUS

Replication Agent not connected rule

Alert Message

RepAgent for @RA_DATABASE@ is not connected to the Rep Server

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information[#unique_281](#)**SYB_REP_AGENT_PROBLEM**

Replication Agent state indicates problem rule

Alert Message

Replication agent for [@RA_DATABASE@] databases is [@RUN_STATUS@].

Default Rule Properties

Severity	20
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information[#unique_281](#)**SYB_REP_BLOCKED_THREADS**

Replication blocked DSI threads exceeds threshold value rule

Alert Message

Blocked Replication DSI threads for database for @DBNAME@ = @blocked_dsi_threads@ which exceeds the @VALUE@ threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference

[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information

[#unique_215](#)

SYB_REP_LAST_POST

Replication seconds since last posted transaction exceeds value rule

Alert Message

Time since last posted replication transaction for @DBNAME@ = @last_trans_secs@ seconds which exceeds the @VALUE@ seconds threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference

[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information

[#unique_215](#)

SYB_REP_LATENCY

Replication latency in seconds exceeds value rule

Alert Message

Latency for @DBNAME@ = @latency_secs@ seconds wich exceeds the @VALUE@ seconds threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference

[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information

[#unique_215](#)

SYB_RS_TICKET_LATENCY

Check rs_ticket latency rule

Alert Message

rs_ticket latency (@PDB_RDB_LATENCY_MSECS@ msec) > @THRESHOLD_SECONDS@ second(s); from @PDS_NAME@.@PDB_NAME@ to @RDS_NAME@.@RDB_NAME@

Detail View

[#unique_292](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CE

Source Collection

RS_TICKET_RECEIVED

Related reference

[RS_TICKET_RECEIVED](#) on page 314

RS_TICKET_RECEIVED store

Related information

[#unique_293](#)

[#unique_292](#)

SYB_RS_TICKET_RECEIVED_EVER

Has an rs_ticket ever been received? rule

Alert Message

No rs_ticket has been received for @RDS_NAME@.@RDB_NAME@

Detail View

[#unique_292](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CE

Source Collection

RS_TICKET_RECEIVED

Related reference[RS_TICKET_RECEIVED](#) on page 314

RS_TICKET_RECEIVED store

Related information[#unique_293](#)[#unique_292](#)**SYB_RS_TICKET_RECEIVED_RECENT**

Has a rs_ticket been received within the last # seconds? rule

Alert Message

rs_ticket receipt is late from @PDS_NAME@.@PDB_NAME@ for @RDS_NAME@.@RDB_NAME@ [last receipt: @RDB_DATETIME@]

Detail View[#unique_292](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CE

Source Collection

RS_TICKET_RECEIVED

Related reference[RS_TICKET_RECEIVED](#) on page 314

RS_TICKET_RECEIVED store

Related information[#unique_293](#)[#unique_292](#)**SYB_RS_TICKET_SENT_RECENT**

Has a rs_ticket been sent within the last # seconds? rule

Alert Message

rs_ticket transmittal is late from @PDS_NAME@.@PDB_NAME@ [last transmit: @PDB_DATETIME@]

Detail View[#unique_292](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

RS_TICKET_SENT

Related reference

[RS_TICKET_SENT](#) on page 314

RS_TICKET_SENT store

Related information[#unique_298](#)[#unique_292](#)

Chapter

3

Rules

Topics:

- SYB_BLOCKTREE_BLOCKER
- SYB_CEINST_DB_DATA_SPACE_UTIL
- SYB_CEINST_DB_HOURS_SINCE_DUMP
- SYB_CEINST_DB_LOG_SPACE_UTIL
- SYB_CEINST_DB_TOTAL_SPACE_UTIL
- SYB_CEINST_DEVSPACE_PERCENTUSED
- SYB_CEINST_LOG_HOLD_TIME
- SYB_CEINST_LOG_REP_TRUNC_TIME
- SYB_CEINST_LOG_SUSPENDS
- SYB_CEINST_SEGDATA_FREE_CRITIC
- SYB_CEINST_SEGDATA_FULL_CRITIC
- SYB_CEINST_SEGDATA_FULL_INFO
- SYB_CEINST_SEGDATA_FULL_WARN
- SYB_CEINST_SEGDATA_MB_FREE_INFO
- SYB_CEINST_SEGDATA_MB_FREE_WARN
- SYB_CEINST_SEGLOG_FREE_CRITICAL
- SYB_CEINST_SEGLOG_FULL_CRITICAL
- SYB_CEINST_SEGLOG_FULL_INFO
- SYB_CEINST_SEGLOG_FULL_WARN
- SYB_CEINST_SEGLOG_MB_FREE_INFO
- SYB_CEINST_SEGLOG_MB_FREE_WARN
- SYB_CEINST_SEGUSAGE_SUSPECTDB
- SYB_CE_ACTION_TIME
- SYB_CE_CIPC_BUFFERS_CRITICAL
- SYB_CE_CIPC_BUFFERS_WARNING
- SYB_CE_CLUSTER_DOWN
- SYB_CE_CLUSTER_INST_DOWN
- SYB_CE_CLUSTER_INST_FAILBACK
- SYB_CE_CLUSTER_INST_FAILOVER
- SYB_CE_CLUSTER_INST_OFFLINE
- SYB_CE_CLUSTER_OFFLINE
- SYB_CE_LINK_DOWN
- SYB_CE_MSG_DROP_RATE
- SYB_CE_PHYSICAL_INST_OFFLINE
- SYB_DATABASES_DATA_SPACE_UTIL
- SYB_DATABASES_HOURS_SINCE_DUMP

- SYB_DATABASES_LOG_SPACE_UTIL
- SYB_DATABASES_TOTAL_SPACE_UTIL
- SYB_DB_DATA_SPACE_UTIL
- SYB_DB_HOURS_SINCE_DUMP
- SYB_DB_LOG_SPACE_UTIL
- SYB_DB_TOTAL_SPACE_UTIL
- SYB_DEVSPACE_PERCENTUSED
- SYB_GLOB_ACTIVE_LOCKS
- SYB_GLOB_BLOCKED
- SYB_GLOB_CPU_UTIL
- SYB_GLOB_DISKIO
- SYB_GLOB_DISK_ERRORS_CURR
- SYB_GLOB_DISK_ERRORS_TOT
- SYB_GLOB_LOG_SUSPENDS
- SYB_GLOB_LONGBLOCKWAIT
- SYB_GLOB_MEMORY_USAGE
- SYB_GLOB_PACKETIO
- SYB_GLOB_PACKET_ERRORS_CURR
- SYB_GLOB_PACKET_ERRORS_TOT
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- SYB_GLOB_SUSPECT_DATABASES
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- SYB_HEALTH_CONFIG_LIMITS
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- SYB_MDA_DEADLOCK_OCCURRED
- SYB_MDA_DEVICEIO_IO_RATE
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- SYB_MDA_ENGINE_CPU_PCT
- SYB_MDA_HEALTH_CPU_PCT
- SYB_MDA_HEALTH_MEM_USED
- SYB_MDA_HEALTH_PROCESS_BLOCKED
- SYB_MDA_HEALTH_PROCESS_CONN_CNT
- SYB_MDA_HEALTH_PROCESS_COUNT
- SYB_MDA_HEALTH_PROCESS_SUSPENDS
- SYB_MDA_HEALTH_SUSPECT_DB
- SYB_MDA_HEALTH_SUSPECT_OBJECTS
- SYB_MDA_LOCK_ORPHAN
- SYB_MDA_PROCBATCH_LONGBATCH
- SYB_MDA_PROCESS_CPU_PERCENT
- SYB_MDA_PROCESS_WAITSECS
- SYB_MDA_THRESHOLD_EVENT
- SYB_PROCESS_BLOCKED_TIME
- SYB_PROCESS_CPU_PERCENT
- SYB_PROCESS_DECEASED_SPID
- SYB_PROCESS_NEW_SPID
- SYB_PROCESS_PHYSIO_RATE
- SYB_PROCESS_STATUS
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- SYB_REPAGENT_ADDED
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- SYB_REPAGENT_DROPPED
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- SYB_RS_TICKET_LATENCY
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- SYB_SEGUSAGE_LOGPERCENTUSED
- SYB_SEGUSAGE_NONLOGPERCENTUSED
- SYB_SEGUSAGE_PERCENTUSED
- SYB_SEGUSAGE_SUSPECTDB
- SYB_SEG_DATA_MB_FREE_CRITICAL
- SYB_SEG_DATA_MB_FREE_INFO
- SYB_SEG_DATA_MB_FREE_WARN
- SYB_SEG_DATA_PCNT_FULL_CRITICAL

- SYB_SEG_DATA_PCNT_FULL_INFO
- SYB_SEG_DATA_PCNT_FULL_WARN
- SYB_SEG_LOG_MB_FREE_CRITICAL
- SYB_SEG_LOG_MB_FREE_INFO
- SYB_SEG_LOG_MB_FREE_WARN
- SYB_SEG_LOG_PCNT_FULL_CRITICAL
- SYB_SEG_LOG_PCNT_FULL_INFO
- SYB_SEG_LOG_PCNT_FULL_WARN
- SYB_TRANSLOG_APPEND_LOG_WAIT

SYB_BLOCKTREE_BLOCKER

Blocker exceeds blocked process count and time thresholds rule

Alert Message

spid #[@spid@](#) has been blocking [@blocked_count@](#) processes for [@max_time_blocked@](#) seconds (thresholds = [@BLOCK_COUNT@](#) blocked processes, [@BLOCK_SECS@](#) seconds).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

BLOCKTREE

Related reference

[BLOCKTREE](#) on page 273

BLOCKTREE store

Related information

[#unique_193](#)

SYB_CEINST_DB_DATA_SPACE_UTIL

Cluster Instance Local TempDB: Data space % full > value rule

Alert Message

[@db_owner@](#)..[@db_name@](#), Data space [@dbDataPcntFull@](#)% full exceeds [@VALUE@](#)

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DB_HOURS_SINCE_DUMP

Cluster Instance Local TempDB: Hours since last dump > value rule

Alert Message

@db_owner@..@db_name@, Hours since dump @hours_since_dump@ exceeds @VALUE@

Detail View[Databases](#) on page 41**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	3600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DB_LOG_SPACE_UTIL

Cluster Instance Local TempDB: Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Log space @dbLogPcntFull@% full exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;CEINST

Source Collection

MDA_DATABASE

Related reference

[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DB_TOTAL_SPACE_UTIL

Cluster Instance Local TempDB: Data+Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Data+Log space @dbTotPcntFull@% full exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_CEINST_DEVSPACE_PERCENTUSED

Cluster Instance Local TempDB: Device utilization exceeds value rule

Alert Message

Device @device@ % utilization at @pctused@ exceeds @VALUE@. Free MB = @freeMB@

Detail View[Device Space](#) on page 48**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

DEVSPACE

Related reference[DEVSPACE](#) on page 418

Device space usage

[DEVSPACE](#) on page 262

DEVSPACE store

[Device Space](#) on page 48

Device space usage

SYB_CEINST_LOG_HOLD_TIME

Cluster Instance Local TempDB: Transaction with log held for time > value (seconds) rule

Alert Message

Database (@dbname@) transaction (spid=@spid@, txn name=@name@) has been running for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_CEINST_LOG_REP_TRUNC_TIME

Cluster Instance Local TempDB: Replication truncation point has not moved for time > value (seconds ago) rule

Alert Message

Replication truncation point (database = @dbname@) has not moved for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295
LOGSHOLD store

SYB_CEINST_LOG_SUSPENDS

Cluster Instance Local TempDB: Database is in LOG SUSPEND rule

Alert Message

CRITICAL: database (@dbname@) is in "LOG SUSPEND".

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FREE_CRITIC

Cluster Instance Local TempDB: Data segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
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Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FULL_CRITIC

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FULL_INFO

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_FULL_WARN

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET

Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_MB_FREE_INFO

Cluster Instance Local TempDB: Data segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGDATA_MB_FREE_WARN

Cluster Instance Local TempDB: Data segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FREE_CRITICAL

Cluster Instance Local TempDB: Log segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FULL_CRITICAL

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FULL_INFO

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_FULL_WARN

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds

Occurrence Window	1 / 1
Enabled	Yes
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_MB_FREE_INFO

Cluster Instance Local TempDB: Log segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGLOG_MB_FREE_WARN

Cluster Instance Local TempDB: Log segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CEINST_SEGUSAGE_SUSPECTDB

Cluster Instance Local TempDB: Suspect (offline) Database Identified rule

Alert Message

Database @dbname@ is suspect (status 32 or 256, or status2 16)

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_CE_ACTION_TIME

Action has been running for time > value (seconds) rule

Alert Message

Action [#@Handle@] has been running for @ElapsedSeconds@ > @VALUE@ seconds

Detail View

[#unique_219](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_ACTION

Related reference

[CE_ACTION](#) on page 274

CE_ACTION store

Related information

[#unique_220](#)

[#unique_219](#)

SYB_CE_CIPC_BUFFERS_CRITICAL

CIPC Regular or Large Buffer Pool > value (percent full) rule

Alert Message

CIPC Regular Buffers [@RegularBuffersPct@%] or Large Buffers [@LargeBuffersPct@%] for instance [@InstanceName@] > @VALUE@% full

Detail View

[#unique_223](#)

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_CIPC

Related reference

[CE_CIPC](#) on page 274

CE_CIPC store

Related information

[#unique_224](#)

[#unique_223](#)

SYB_CE_CIPC_BUFFERS_WARNING

CIPC Regular or Large Buffers > value (percent full) rule

Alert Message

CIPC Regular Buffers [@RegularBuffersPct@%] or Large Buffers [@LargeBuffersPct@%] for instance [@InstanceName@] > @VALUE@% full

Detail View

[#unique_223](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET

Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CIPC

Related reference

[CE_CIPC](#) on page 274

CE_CIPC store

Related information

[#unique_224](#)

[#unique_223](#)

SYB_CE_CLUSTER_DOWN

Logical cluster Down rule

Alert Message

Logical cluster [@Name@] is down

Detail View

[#unique_219](#)

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_CLUSTER

Related reference

[CE_CLUSTER](#) on page 277

CE_CLUSTER store

Related information

[#unique_228](#)

[#unique_219](#)

SYB_CE_CLUSTER_INST_DOWN

Cluster Instance Down rule

Alert Message

Instance [@PInstanceName@] in cluster [@LogicalClusterName@] is down

Detail View

[#unique_219](#)

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_LOGICAL_INSTANCE

Related reference

[CE_LOGICAL_INSTANCE](#) on page 279

CE_LOGICAL_INSTANCE store

Related information

[#unique_231](#)

[#unique_219](#)

SYB_CE_CLUSTER_INST_FAILBACK

Failback started on logical cluster instance rule

Alert Message

Failback in cluster [@LOGICALCLUSTERNAME@] from instances [@FROMINSTANCES@] to
[@TOINSTANCES@] started [@STARTTIME@]

Detail View

[#unique_219](#)

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	60 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_ACTION

Related reference

[CE_ACTION](#) on page 274

CE_ACTION store

Related information

[#unique_220](#)

[#unique_219](#)

SYB_CE_CLUSTER_INST_FAILOVER

Failover started on logical cluster instance rule

Alert Message

Failover in cluster [[@LOGICALCLUSTERNAME@](#)] from instances [[@FROMINSTANCES@](#)] to [[@TOINSTANCES@](#)] started [[@STARTTIME@](#)]

Detail View

[#unique_219](#)

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_ACTION

Related reference

[CE_ACTION](#) on page 274

CE_ACTION store

Related information

[#unique_220](#)

[#unique_219](#)

SYB_CE_CLUSTER_INST_OFFLINE

Cluster Instance Offline rule

Alert Message

Instance [@PInstanceName@] in cluster [@LogicalClusterName@] is @State@

Detail View

[#unique_219](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_LOGICAL_INSTANCE

Related reference

[CE_LOGICAL_INSTANCE](#) on page 279

CE_LOGICAL_INSTANCE store

Related information

[#unique_231](#)

[#unique_219](#)

SYB_CE_CLUSTER_OFFLINE

Logical cluster Offline rule

Alert Message

Logical cluster [@Name@] is @State@

Detail View

[#unique_219](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CLUSTER

Related reference[CE_CLUSTER](#) on page 277

CE_CLUSTER store

Related information[#unique_228](#)[#unique_219](#)

SYB_CE_LINK_DOWN

Link in cluster interconnect is down rule

Alert Message

Link between @LocalInterface@ and @RemoteInterface@ is down

Detail View[#unique_223](#)**Default Rule Properties**

Severity	30
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CIPCLINKS

Related reference[CE_CIPCLINKS](#) on page 275

CE_CIPCLINKS store

Related information[#unique_238](#)[#unique_223](#)

SYB_CE_MSG_DROP_RATE

Dropped message rate > value (per second) rule

Alert Message

Dropped message rate between instance [@InstanceID@] and far instance [@FarInstanceID@] is @dropped_rate@ > @VALUE@ (per second)

Detail View

[#unique_223](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No
Attributes	CE;MDA

Source Collection

CE_CIPCMESH

Related reference

[CE_CIPCMESH](#) on page 276

CE_CIPCMESH store

Related information

[#unique_241](#)

[#unique_223](#)

SYB_CE_PHYSICAL_INST_OFFLINE

Physical Cluster Instance Offline rule

Alert Message

The physical instance [@name@] is offline

Detail View

[#unique_219](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds

Occurrence Window	1 / 1
Enabled	Yes
Attributes	CE;MDA

Source Collection

CE_PHYSICAL_INSTANCE

Related reference[CE_PHYSICAL_INSTANCE](#) on page 280

CE_PHYSICAL_INSTANCE store

Related information[#unique_244](#)[#unique_219](#)

SYB_DATABASES_DATA_SPACE_UTIL

Data space % full > value rule

Alert Message

@db_owner@..@db_name@, Data space @dbDataPcntFull@% full exceeds @VALUE@

Detail View[Databases](#) on page 41**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DATABASES_HOURS_SINCE_DUMP

Hours since last dump > value rule

Alert Message

@db_owner@..@db_name@, Hours since dump @hours_since_dump@ exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	3600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference

[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DATABASES_LOG_SPACE_UTIL

Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Log space @dbLogPcntFull@% full exceeds @VALUE@

Detail View

[Databases](#) on page 41

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DATABASES_TOTAL_SPACE_UTIL

Data+Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Data+Log space @dbTotPentFull@% full exceeds @VALUE@

Detail View[Databases](#) on page 41**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CEINST

Source Collection

MDA_DATABASE

Related reference[MDA_DATABASE](#) on page 423

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[Databases](#) on page 41

Databases

SYB_DB_DATA_SPACE_UTIL

(Non MDA) Data space % full > value rule

Alert Message

@db_owner@..@db_name@, Data space @dbDataPcntFull@% full exceeds @VALUE@

Detail View

[#unique_201](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

DATABASE

Related reference

[DATABASE](#) on page 260

DATABASE store

Related information

[#unique_202](#)

[#unique_201](#)

SYB_DB_HOURS_SINCE_DUMP

(Non MDA) Hours since last dump > value rule

Alert Message

@db_owner@..@db_name@, Hours since dump @hours_since_dump@ exceeds @VALUE@

Detail View

[#unique_201](#)

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	3600 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!CE,!CEINST

Source Collection

DATABASE

Related reference[DATABASE](#) on page 260

DATABASE store

Related information[#unique_202](#)[#unique_201](#)

SYB_DB_LOG_SPACE_UTIL

(Non MDA) Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Log space @dbLogPcntFull@% full exceeds @VALUE@

Detail View[#unique_201](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

DATABASE

Related reference[DATABASE](#) on page 260

DATABASE store

Related information[#unique_202](#)[#unique_201](#)

SYB_DB_TOTAL_SPACE_UTIL

(Non MDA) Data+Log space % full > value rule

Alert Message

@db_owner@..@db_name@, Data+Log space @dbTotPcntFull@% full exceeds @VALUE@

Detail View

[#unique_201](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

DATABASE

Related reference

[DATABASE](#) on page 260

DATABASE store

Related information

[#unique_202](#)

[#unique_201](#)

SYB_DEVSPACE_PERCENTUSED

Device utilization exceeds value rule

Alert Message

Device @device@ % utilization at @pctused@ exceeds @VALUE@. Free MB = @freeMB@

Detail View

[Device Space](#) on page 48

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

DEVSPACE

Related reference

[DEVSPACE](#) on page 418

Device space usage

[DEVSPACE](#) on page 262

DEVSPACE store

[Device Space](#) on page 48

Device space usage

SYB_GLOB_ACTIVE_LOCKS

Active Lock count exceeds value rule

Alert Message

Active Locks exceeded @VALUE@. Curr = @"Active Locks".Current@. Avg = @"Active Locks".Avg@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_BLOCKED

Blocked Process count exceeds value rule

Alert Message

Blocked Process count exceeded @VALUE@. Curr = @"Blocked Processes".Current@. Avg = @"Blocked Processes".Avg@. Peak = @"Blocked Processes".Max@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_CPU_UTIL

Datasever aggregate CPU utilization > value (percentage) rule

Alert Message

Datasever aggregate CPU utilization is @"CPU HSecs".Current@%.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET

Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_DISKIO

Disk IO rate exceeds value rule

Alert Message

Disk IO rate exceeded @VALUE@. Curr = @"Disk I/O (read + write)".Current@. Avg = @"Disk I/O (read + write)".Avg@. Peak = @"Disk I/O (read + write)".Max@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_DISK_ERRORS_CURR

Current Disk Errors exceeds value rule

Alert Message

Current Disk Errors exceeded @VALUE@. Curr = @"Disk Errors".Current@. Avg = @"Disk Errors".Avg@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_DISK_ERRORS_TOT

Total Disk Errors exceeds value rule

Alert Message

Total Disk Errors exceeded @VALUE@. Tot = @"Disk Errors".Total@. Curr = @"Disk Errors".Current@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET

Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_LOG_SUSPENDS

Processes suspended for log space exceeds value rule

Alert Message

@ "Log Suspend".Current@ Processes suspended for log space exceeds @VALUE@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_LONGBLOCKWAIT

Longest Block Wait (sec) exceeds value rule

Alert Message

Long Blk Wait (sec) exceeded @VALUE@. Curr = @"Longest Block Wait (seconds)".Current@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_MEMORY_USAGE

Memory usage exceeds value rule

Alert Message

Memory usage [@"Memory Used (M bytes)".Current@] exceeds [@"VALUE@].

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PACKETIO

Packet IO rate exceeds value rule

Alert Message

Packet IO rate exceeded @VALUE@. Curr = @"Packet I/O (received + sent)".Current@. Avg = @"Packet I/O (received + sent)".Avg@. Peak = @"Packet I/O (received + sent)".Max@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PACKET_ERRORS_CURR

Current Packet Errors exceeds value rule

Alert Message

Current Packet Errors exceeded @VALUE@. Curr = @"Packet Errors".Current@. Avg = @"Packet Errors".Avg@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PACKET_ERRORS_TOT

Total Packet Errors exceeds value rule

Alert Message

Total Packet Errors exceeded @VALUE@. Tot = @"Packet Errors".Total@. Curr = @"Packet Errors".Current@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_PROCESSES

Process count exceeds value rule

Alert Message

Process count exceeded @VALUE@. Curr = @Processes.Current@. Avg = @Processes.Avg@. Peak = @Processes.Max@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_SUSPECT_DATABASES

Suspect (offline) Database Count > 0 rule

Alert Message

Suspect Database Count [[@"Suspect Databases".Current@](#)] > [[@VALUE@](#)]

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_SUSPECT_OBJECTS

Suspect Object Count > 0 rule

Alert Message

Suspect Object Count [[@"Suspect Objects".Current@](#)] > [[@VALUE@](#)]

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	120 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA;!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_USERS

User count exceeds value rule

Alert Message

User count exceeded @VALUE@. Curr = @Users.Current@. Avg = @Users.Avg@. Peak = @Users.Max@.

Detail View[Global](#) on page 20**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_GLOB_USER_PROCESSES

User Process count exceeds value rule

Alert Message

User Process count exceeded @VALUE@. Curr = @"User Processes".Current@. Avg = @"User Processes".Avg@. Peak = @"User Processes".Max@.

Detail View

[Global](#) on page 20

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

GLOBALSTATS

Related reference

[GLOBALSTATS](#) on page 443

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[Global](#) on page 20

Global statistics

SYB_HEALTH_CONFIG_LIMITS

Configuration limit exceeds value rule

Alert Message

Configuration parameter [@PARAM@] usage [@PCT_USED@]% exceeds [@VALUE@].

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No

Attributes	!CE
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Source Collection

CONFIG_VS_ACTUAL

Related reference[CONFIG_VS_ACTUAL](#) on page 284

CONFIG_VS_ACTUAL store

Related information[#unique_247](#)

SYB_HEALTH_SYSLOGSHOLD

DEPRECATED: Oldest Transaction exceeds limit rule

Alert Message

Transaction [@NAME@] for SPID @SPID@ held in Database [@DBNAME@] for @SECS_HELD@ secs.

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

LOGSHOLD

Related reference[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_LISTENER_MISSING

Missing listener rule

Alert Message

Missing listener: Host=@LISTENER_HOST@, Port=@LISTENER_PORT@

Default Rule Properties

Severity	20
----------	----

Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	None

Source Collection

LISTENER

Related reference

[LISTENER](#) on page 446

Listeners

[LISTENER](#) on page 292

LISTENER store

SYB_LISTENER_SUSPEND

Suspended listeners rule

Alert Message

Suspended listeners: Host=@HOST@, Port=@PORT@

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	None

Source Collection

LISTENER

Related reference

[LISTENER](#) on page 446

Listeners

[LISTENER](#) on page 292

LISTENER store

SYB_LOGFILE_CRITICAL

Critical ASE log entry found rule

Alert Message

@APPNAME@/@ERRORLEVEL@/@ERRORCODE@: @ERRORTEXT@

Default Rule Properties

Severity	30
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	LOCAL

Source Collection

LOGFILE

Related reference

[LOGFILE](#) on page 447

Error log entries from local file

[LOGFILE](#) on page 293

LOGFILE store

SYB_LOGFILE_ERROR

Error ASE log entry found rule

Alert Message

@APPNAME@/@ERRORLEVEL@/@ERRORCODE@: @ERRORTEXT@

Default Rule Properties

Severity	20
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	LOCAL

Source Collection

LOGFILE

Related reference

[LOGFILE](#) on page 447

Error log entries from local file

[LOGFILE](#) on page 293

LOGFILE store

SYB_LOGFILE_HALT

Shutdown ASE log entry found rule

Alert Message

@APPNAME@/@ERRORLEVEL@/@ERRORCODE@: @ERRORTEXT@

Default Rule Properties

Severity	20
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	LOCAL

Source Collection

LOGFILE

Related reference

[LOGFILE](#) on page 447

Error log entries from local file

[LOGFILE](#) on page 293

LOGFILE store

SYB_LOGINS_CURR_CONNECTIONS

Current connections exceeds value rule

Alert Message

Current connections for @name@ exceeds @VALUE@. Curr = @login_counts@.

Detail View

[#unique_259](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)

SYB_LOGINS_CURR_CPU_PERCENT

Current CPU Percent for Login exceeds value rule

Alert Message

Current CPU Percent for @name@ exceeds @VALUE@. Curr = @cpupct@.

Detail View[#unique_259](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)

SYB_LOGINS_CURR_MEMORY

Current Memory usage for Login exceeds value rule

Alert Message

Current Memory usage for @name@ exceeds @VALUE@. Curr = @memusage@.

Detail View

[#unique_259](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference

[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information

[#unique_259](#)

SYB_LOGINS_DEFAULT_DATABASE

Default database for Login like name rule

Alert Message

Default database for @name@ like "@VALUE@". Curr = "@default_database@".

Detail View

[#unique_259](#)

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)**SYB_LOGINS_UNSECURE_PASSWORD**

Password < 6 chars or NULL rule

Alert Message

Password for @name@ < 6 chars or NULL!

Detail View[#unique_259](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

LOGINS

Related reference[LOGINS](#) on page 447

Summary statistics for logins

[LOGINS](#) on page 294

LOGINS store

Related information[#unique_259](#)**SYB_LOG_HOLD_TIME**

Transaction with log held for time > value (seconds) rule

Alert Message

Database (@dbname@) transaction (spid=@spid@, txn name=@name@) has been running for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	!CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295

LOGSHOLD store

SYB_LOG_REP_TRUNC_TIME

Replication truncation point has not moved for time > value (seconds ago) rule

Alert Message

Replication truncation point (database = @dbname@) has not moved for @secs_held@ seconds (starttime = @starttime@).

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	!CEINST

Source Collection

LOGSHOLD

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[LOGSHOLD](#) on page 295
LOGSHOLD store

SYB_LOG_SUSPENDS

Database is in LOG SUSPEND rule

Alert Message

CRITICAL: database (@dbname@) is in "LOG SUSPEND".

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_MDA_BLOCKTREE_BLOCKER

Blocker exceeds blocked process count and time thresholds rule

Alert Message

spid #@SPID@ has been blocking @BLOCKEDCOUNT@ processes for @MAXTIMEBLOCKED@ seconds (thresholds = @BLOCK_COUNT@ blocked processes, @BLOCK_SECS@ seconds).

Detail View

[Blocked Processes](#) on page 34

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	MDA;!CEINST

Source Collection

MDA_BLOCKTREE

Related reference[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_BLOCKTREE_BLOCKER_DTCH

Detached blocker exceeds blocked process count and time thresholds rule

Alert Message

Detached xact @XACTNAME@ (xa_gtrid=@GTRIDXA@, xa_bqual=@BQUALXA@) has been blocking @BLOCKEDCOUNT@ processes for @MAXTIMEBLOCKED@ seconds (thresholds = @BLOCK_COUNT@ blocked processes, @BLOCK_SECS@ seconds).

Detail View[Blocked Processes](#) on page 34**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	MDA;!CEINST

Source Collection

MDA_BLOCKTREE

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_BLOCKTREE_WAITER

Waiter exceeds time thresholds waiting on process rule

Alert Message

spid #[@SPID@](#) has been waiting [@TIMEBLOCKED@](#) seconds on spid #[@BLOCKERSPID@](#) for table [@TABLEDBNAME@](#)..[@TABLENAME@](#) ([@LOCKTYPE@](#), [@LOCKLEVEL@](#), page=[@PAGENUMBER@](#), row=[@ROWNUMBER@](#)). \

Detail View

[Blocked Processes](#) on page 34

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	MDA;!CEINST

Source Collection

MDA_BLOCKTREE

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_BLOCKTREE_WAITER_DTCH

Waiter exceeds time thresholds waiting on detached process rule

Alert Message

spid #@SPID@ has been waiting @TIMEBLOCKED@ seconds on detached xact @BLOCKERXACTNAME@ (xa_gtrid=@BLOCKERGTRIDXA@, xa_bqual=@BLOCKERBQUALXA@) \

Detail View

[Blocked Processes](#) on page 34

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	MDA;!CEINST

Source Collection

MDA_BLOCKTREE

Related reference

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

SYB_MDA_CACHEPOOL_STALLS

Buffer pool of a data cache is stalled rule

Alert Message

Buffer pool [:@IOBUFFERSIZE@] in cache [:@CACHENAME@] is experiencing stalls. Buffer pool size [:@ALLOCATEDKB@ KB] may be too small for current load.

Detail View

[Cache Activity](#) on page 53

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No

Attributes	MDA;!CE
------------	---------

Source Collection

MDA_CACHEPOOL

Related reference[MDA_CACHEPOOL](#) on page 421

Data cache buffer pools

[MDA_CACHEPOOL](#) on page 264

MDA_CACHEPOOL store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_LOGREADS

Datacache logical reads/sec > value rule

Alert Message

Datacache @CacheName@, logical reads/sec @logicalreads_rate@ > @VALUE@

Detail View[Cache Activity](#) on page 53**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_MISS_PCT

Datacache miss percent > value rule

Alert Message

Datacache @CacheName@, miss percent @miss_pct@% > @VALUE@%

Detail View

[Cache Activity](#) on page 53

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference

[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_PHYWRITES

Datacache phys writes/sec > value rule

Alert Message

Datacache @CacheName@, physical writes/sec @physicalwrites_rate@ > @VALUE@

Detail View

[Cache Activity](#) on page 53

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DATACACHE_STALLS

Data cache is stalled rule

Alert Message

Cache [@CACHENAME@] is experiencing stalls. One or more buffer pools may be too small for current load.

Detail View[Cache Activity](#) on page 53**Default Rule Properties**

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DATACACHE

Related reference[MDA_DATACACHE](#) on page 425

Data cache activity

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

SYB_MDA_DEADLOCK_OCCURRED

Deadlock identified rule

Alert Message

Deadlock for @dbname@..@objectname@(pg=@pagenumber@,row=@rownumber@). Holdspid @HeldSPID@, Waitspid @WaitSPID@

Detail View

[#unique_267](#)

Default Rule Properties

Severity	20
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEADLOCK_PIPE

Related reference

[MDA_DEADLOCK_PIPE](#) on page 451

Deadlocks

[MDA_DEADLOCK_PIPE](#) on page 295

MDA_DEADLOCK_PIPE store

Related information

[#unique_267](#)

SYB_MDA_DEVICEIO_IO_RATE

IOs per sec exceeds value rule

Alert Message

@LogicalName@, IOs per sec @IO_Rate@ > @VALUE@

Detail View

[Device IO](#) on page 51

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No

Attributes	MDA;!CE
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Source Collection

MDA_DEVICE_IO

Related reference[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_DEVICEIO_READ_RATE

Reads per sec exceeds value rule

Alert Message

@LogicalName@, Reads per sec @Reads_Rate@ > @VALUE@

Detail View[Device IO](#) on page 51**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEVICE_IO

Related reference[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_DEVICEIO_TIME_PER_IO

Milliseconds per IO exceeds value rule

Alert Message

@LogicalName@, Milliseconds per IO @TimePerIOMS@ > @VALUE@

Detail View

[Device IO](#) on page 51

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEVICE_IO

Related reference

[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_DEVICEIO_WRITE_RATE

Writes per sec exceeds value rule

Alert Message

@LogicalName@, Writes per sec @Writes_Rate@ > @VALUE@

Detail View

[Device IO](#) on page 51

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_DEVICE_IO

Related reference[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[Device IO](#) on page 51

Device I/O activity

SYB_MDA_ENGINE_CPU_PCT

Individual dataserver engine CPU utilization > value (percentage) rule

Alert Message

Dataserver engine #@EngineNumber@ CPU utilization is above @VALUE@% (user busy = @UserCPU_Rate@%, system busy = @SystemCPU_Rate@%).

Detail View[Health](#) on page 21**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	MDA;!CE

Source Collection

MDA_ENGINE

Related reference[MDA_ENGINE](#) on page 453

Engines

[MDA_ENGINE](#) on page 296

MDA_ENGINE store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_CPU_PCT

Dataserver aggregate CPU utilization > value (percentage) rule

Alert Message

Dataserver aggregate CPU utilization is @"CPU HSecs".Current@%.

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	Yes
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_MEM_USED

Memory Used (MB) exceeds value rule

Alert Message

Memory Used (Mbytes) @"Memory Used (Mbytes)".current@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_BLOCKED

Blocked process count > value rule

Alert Message

Blocked process count @"Blocked".value@ > @VALUE@

Detail View[Health](#) on page 21**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_PROCESS

Related reference[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_CONN_CNT

Connection count exceeds value rule

Alert Message

Connection count @"Connections".value@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_PROCESS

Related reference

[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_COUNT

Process count exceeds value rule

Alert Message

Process count @"Total Processes".value@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_PROCESS

Related reference[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_PROCESS_SUSPENDS

Suspended process count > value rule

Alert Message

Suspended process count @"Suspended".value@ > @VALUE@

Detail View[Health](#) on page 21**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_PROCESS

Related reference[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_SUSPECT_DB

Suspect DB count exceeds value rule

Alert Message

Suspect Databases @"Suspect Databases".current@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_HEALTH_SUSPECT_OBJECTS

Suspect Obj count exceeds value rule

Alert Message

Suspect Objects @"Suspect Objects".current@ > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_HEALTH_ACTIVITY

Related reference[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[Health](#) on page 21

Overall health of the database instance

SYB_MDA_LOCK_ORPHAN

Orphaned locks rule

Alert Message

Orphaned locks: @SPID@/@LOCKID@/@TABNAME@/@LOCKTYPE@

Detail View[Locks](#) on page 32**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_LOCK

Related reference[MDA_LOCK](#) on page 459

Locks

[MDA_LOCK](#) on page 299

MDA_LOCK store

[Locks](#) on page 32

Locks

SYB_MDA_PROCBATCH_LONGBATCH

Batch elapsed time > value rule

Alert Message

Process @SPID@, batch @BATCHID@ elapsed time (@ELAPSEDTIME@) > @VALUE@ (seconds)

Detail View

[Current Executing Stmts](#) on page 36

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	30 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_PROCBATCH

Related reference

[MDA_PROCBATCH](#) on page 405

Current executing batches

[MDA_PROCBATCH](#) on page 251

MDA_PROCBATCH store

[Current Executing Stmts](#) on page 36

Current executing statements

SYB_MDA_PROCESS_CPU_PERCENT

Individual process CPU utilization > value (percentage) rule

Alert Message

CPU utilization is at @cpupct@% for spid=@SPID@ (login=@Login@, application=@application@, command=@Command@).

Detail View

[Processes](#) on page 27

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No

Attributes	MDA;!CE
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Source Collection

MDA_PROCESS

Related reference[MDA_PROCESS](#) on page 469

Processes

[MDA_PROCESS](#) on page 304

MDA_PROCESS store

[Processes](#) on page 27

Processes

SYB_MDA_PROCESS_WAITSECS

Process waitsecs > value rule

Alert Message

Process @spid@/@login@/@application@ waitsecs > @VALUE@

Detail View[Processes](#) on page 27**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_PROCESS

Related reference[MDA_PROCESS](#) on page 469

Processes

[MDA_PROCESS](#) on page 304

MDA_PROCESS store

[Processes](#) on page 27

Processes

SYB_MDA_THRESHOLD_EVENT

Record New Threshold Events rule

Alert Message

New threshold event: User @LOGIN@ with SPID/BatchID (@SPID@/@BATCHID@) reported at (@REPORTDATETIME@)

Detail View

[#unique_271](#)

Default Rule Properties

Severity	20
Event Type	STD
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

MDA_THRESHOLD_PIPE

Related reference

[MDA_THRESHOLD_PIPE](#) on page 476

Threshold events for configured resource limitations

[MDA_THRESHOLD_PIPE](#) on page 307

MDA_THRESHOLD_PIPE store

Related information

[#unique_271](#)

SYB_PROCESS_BLOCKED_TIME

Seconds Blocked exceeds value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Blocked Seconds @time_blocked@ exceeds @VALUE@.

Detail View

[#unique_211](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No

Attributes	!MDA
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Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)

SYB_PROCESS_CPU_PERCENT

Individual process CPU utilization > value (percentage) rule

Alert Message

CPU utilization is at @cpupct@% for spid=@spid@ (login=@login@, application=@program_name@, command=@cmd@).

Detail View[#unique_211](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	5 / 5
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)

SYB_PROCESS_DECEASED_SPID

Record Deceased SPIDs rule

Alert Message

Session Deceased: @spid@/@login@/@hostname@/@program_name@

Detail View

[#unique_211](#)

Default Rule Properties

Severity	10
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference

[PROCESS](#) on page 309
PROCESS store

Related information

[#unique_212](#)
[#unique_211](#)

SYB_PROCESS_NEW_SPID

Record New SPIDs rule

Alert Message

New Session: @spid@/@login@/@hostname@/@program_name@

Detail View

[#unique_211](#)

Default Rule Properties

Severity	10
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)

SYB_PROCESS_PHYSIO_RATE

Physical IO rate exceeds value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Phys IO rate @physical_io_rate@ exceeds @VALUE@.

Detail View[#unique_211](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)

SYB_PROCESS_STATUS

Process status like value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Status @status@ like @VALUE@

Detail View[#unique_211](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference[PROCESS](#) on page 309

PROCESS store

Related information[#unique_212](#)[#unique_211](#)

SYB_PROCESS_TRANSACTION_NAME

Transaction Name like value rule

Alert Message

@spid@/@login@/@hostname@/@program_name@, Transaction Name @tran_name@ like @VALUE@

Detail View[#unique_211](#)**Default Rule Properties**

Severity	10
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!MDA

Source Collection

PROCESS

Related reference

[PROCESS](#) on page 309

PROCESS store

Related information

[#unique_212](#)

[#unique_211](#)

SYB_REPAGENT_ADDED

Replication Agent added rule

Alert Message

RepAgent for @RA_DATABASE@ has been added

Default Rule Properties

Severity	10
Event Type	STD
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REPAGENT_BEHIND_SECONDS

Replication truncation point is behind by threshold seconds rule

Alert Message

RepAgent for @RA_DATABASE@, truncation point is behind by @oldest_txn_elapsed_secs@ seconds, which exceeds the @VALUE@ threshold

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	60 seconds

Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REPAGENT_DROPPED

Replication Agent dropped rule

Alert Message

RepAgent for @RA_DATABASE@ has dropped

Default Rule Properties

Severity	10
Event Type	STD
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REPAGENT_STARTED

DEPRECATED: Replication Agent Started rule

Alert Message

RepAgent for @RA_DATABASE@ has restarted

Default Rule Properties

Severity	10
Event Type	STD
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REPAGENT_STATUS

Replication Agent not connected rule

Alert Message

RepAgent for @RA_DATABASE@ is not connected to the Rep Server

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REP_AGENT_PROBLEM

Replication Agent state indicates problem rule

Alert Message

Replication agent for [@RA_DATABASE@] databases is [@RUN_STATUS@].

Default Rule Properties

Severity	20
Event Type	STD
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REPAGENT_STATUS

Related reference

[REPAGENT_STATUS](#) on page 312

REPAGENT_STATUS store

Related information

[#unique_281](#)

SYB_REP_BLOCKED_THREADS

Replication blocked DSI threads exceeds threshold value rule

Alert Message

Blocked Replication DSI threads for database for @DBNAME@ = @blocked_dsi_threads@ which exceeds the @VALUE@ threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference

[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information

[#unique_215](#)

SYB_REP_LAST_POST

Replication seconds since last posted transaction exceeds value rule

Alert Message

Time since last posted replication transaction for @DBNAME@ = @last_trans_secs@ seconds which exceeds the @VALUE@ seconds threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference

[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information

[#unique_215](#)

SYB_REP_LATENCY

Replication latency in seconds exceeds value rule

Alert Message

Latency for @DBNAME@ = @latency_secs@ seconds wich exceeds the @VALUE@ seconds threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1

Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference

[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information

[#unique_215](#)

SYB_REP_LOG_SUSPENDED_THREADS

Replication log suspended DSI threads exceeds threshold value rule

Alert Message

Log Suspended Replication DSI threads for database for @DBNAME@ = @log_suspended_dsi_threads@ which exceeds the @VALUE@ threshold

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

REP_REPLICATE_SITE

Related reference

[REP_REPLICATE_SITE](#) on page 313

REP_REPLICATE_SITE store

Related information

[#unique_215](#)

SYB_RS_TICKET_LATENCY

Check rs_ticket latency rule

Alert Message

rs_ticket latency (@PDB_RDB_LATENCY_MSECS@ msec) > @THRESHOLD_SECONDS@ second(s); from @PDS_NAME@.@PDB_NAME@ to @RDS_NAME@.@RDB_NAME@

Detail View[#unique_292](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CE

Source Collection

RS_TICKET_RECEIVED

Related reference[RS_TICKET_RECEIVED](#) on page 314

RS_TICKET_RECEIVED store

Related information[#unique_293](#)[#unique_292](#)**SYB_RS_TICKET_RECEIVED_EVER**

Has an rs_ticket ever been received? rule

Alert Message

No rs_ticket has been received for @RDS_NAME@.@RDB_NAME@

Detail View[#unique_292](#)**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CE

Source Collection

RS_TICKET_RECEIVED

Related reference

[RS_TICKET_RECEIVED](#) on page 314

RS_TICKET_RECEIVED store

Related information

[#unique_293](#)

[#unique_292](#)

SYB_RS_TICKET_RECEIVED_RECENT

Has a rs_ticket been received within the last # seconds? rule

Alert Message

rs_ticket receipt is late from @PDS_NAME@.@PDB_NAME@ for @RDS_NAME@.@RDB_NAME@ [last receipt: @RDB_DATETIME@]

Detail View

[#unique_292](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CE

Source Collection

RS_TICKET_RECEIVED

Related reference

[RS_TICKET_RECEIVED](#) on page 314

RS_TICKET_RECEIVED store

Related information

[#unique_293](#)

[#unique_292](#)

SYB_RS_TICKET_SENT_RECENT

Has a rs_ticket been sent within the last # seconds? rule

Alert Message

rs_ticket transmittal is late from @PDS_NAME@.@PDB_NAME@ [last transmit: @PDB_DATETIME@]

Detail View

[#unique_292](#)

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	60 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE

Source Collection

RS_TICKET_SENT

Related reference[RS_TICKET_SENT](#) on page 314

RS_TICKET_SENT store

Related information[#unique_298](#)[#unique_292](#)**SYB_SEGUSAGE_LOGPERCENTUSED**

DEPRECATED: Log Segment utilization exceeds value rule

Alert Message

Log Segment in @dbname@ % utilization at @usedpct@ exceeds @VALUE@. Free Pages = @freepages@

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEGUSAGE_NONLOGPERCENTUSED

DEPRECATED: NonLog Segment utilization exceeds value rule

Alert Message

Segment @segname@ in @dbname@ % utilization at @usedpct@ exceeds @VALUE@. Free Pages = @freepages@

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEGUSAGE_PERCENTUSED

DEPRECATED: Segment utilization exceeds value rule

Alert Message

Segment @segname@ in @dbname@ % utilization at @usedpct@ exceeds @VALUE@. Free Pages = @freepages@

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CE;!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEGUSAGE_SUSPECTDB

Suspect (offline) Database Identified rule

Alert Message

Database @dbname@ is suspect (status 32 or 256, or status2 16)

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_MB_FREE_CRITICAL

Data segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_MB_FREE_INFO

Data segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_MB_FREE_WARN

Data segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_PCNT_FULL_CRITICAL

Data segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_PCNT_FULL_INFO

Data segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_DATA_PCNT_FULL_WARN

Data segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	600 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_MB_FREE_CRITICAL

Log segment < value (MB free) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_MB_FREE_INFO

Log segment < value (MB free) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_MB_FREE_WARN

Log segment < value (MB free) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) has less than @freemb@ MB free.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_PCNT_FULL_CRITICAL

Log segment > value (percentage full) rule

Alert Message

CRITICAL: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	30
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference

[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_PCNT_FULL_INFO

Log segment > value (percentage full) rule

Alert Message

INFO: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View

[Segment Usage](#) on page 46

Default Rule Properties

Severity	10
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_SEG_LOG_PCNT_FULL_WARN

Log segment > value (percentage full) rule

Alert Message

WARNING: database (@dbname@) segment (@segname@) is @usedpct@% full.

Detail View[Segment Usage](#) on page 46**Default Rule Properties**

Severity	20
Event Type	SET / RESET
Refresh	300 seconds
Occurrence Window	1 / 1
Enabled	Yes
Attributes	!CEINST

Source Collection

SEGUSAGE

Related reference[SEGUSAGE](#) on page 435

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[Segment Usage](#) on page 46

Segment space usage

SYB_TRANSLOG_APPEND_LOG_WAIT

High contention with transferring transaction log pages rule

Alert Message

In database [%NAME%], Append Log Wait % [%APPENDLOGWAITPCT%] is > @VALUE@

Detail View

[Health](#) on page 21

Default Rule Properties

Severity	20
Event Type	SET / RESET
Refresh	120 seconds
Occurrence Window	1 / 1
Enabled	No
Attributes	MDA;!CE

Source Collection

TRANSLOG

Related reference

[TRANSLOG](#) on page 438

Transaction log activity

[TRANSLOG](#) on page 271

TRANSLOG store

[Health](#) on page 21

Overall health of the database instance

Chapter

4

Stores By Category

Topics:

- [SQL](#)
 - [Storage](#)
 - [Other](#)
-

SQL

MDA_BLOCKTREE

MDA_BLOCKTREE store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	BLOCKERSPID = 0 OR ROOTBLOCKERBLOCKEDCOUNT <= 30 OR BLOCKEDCOUNT >= ROOTBLOCKERBLOCKEDCOUNT / 5
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[SYB_MDA_BLOCKTREE_BLOCKER](#) on page 64

Blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_BLOCKER_DTCH](#) on page 65

Detached blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_WAITER](#) on page 65

Waiter exceeds time thresholds waiting on process rule

[SYB_MDA_BLOCKTREE_WAITER_DTCH](#) on page 66

Waiter exceeds time thresholds waiting on detached process rule

MDA_CACHEDSQLTEXT

MDA_CACHEDSQLTEXT store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	

Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSQLTEXT](#) on page 403

SQL text of cached statements

MDA_CACHEDSTMT

MDA_CACHEDSTMT store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSTMT](#) on page 403

Cached statement statistics

MDA_PROCBATCH

MDA_PROCBATCH store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No

Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Current Executing Stmts](#) on page 36

Current executing statements

[MDA_PROCBATCH](#) on page 405

Current executing batches

[SYB_MDA_PROCBATCH_LONGBATCH](#) on page 67

Batch elapsed time > value rule

MDA_PROCSQLPLAN

MDA_PROCSQLPLAN store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLAN](#) on page 406

Parsed SQL plans for current executing statements

MDA_PROCSQLPLANTEXT

MDA_PROCSQLPLANTEXT store

Default Store Properties

Refresh	10 Seconds
----------------	------------

Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLANTEXT](#) on page 407

SQL plan text for current executing statements

MDA_PROCSQLTEXT

MDA_PROCSQLTEXT store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLTEXT](#) on page 408

SQL text of current executing statements

MDA_PROCSTACK

MDA_PROCSTACK store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSTACK](#) on page 409

Procedure stack for current executing statements

MDA_PROCSTMT

MDA_PROCSTMT store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Current Executing Stmts](#) on page 36

Current executing statements

[MDA_PROCSTMT](#) on page 410

Current executing statements

MDA_PROCTIMEDEVENT

MDA_PROCTIMEDEVENT store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_304](#)

MDA_PROCWAIT

MDA_PROCWAIT store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_306](#)**MDA_RECENTSQLTEXT_PIPE**

MDA_RECENTSQLTEXT_PIPE store

Default Store Properties

Refresh	60 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENTSQLTEXT_PIPE](#) on page 412

SQL text of recently executed statements

MDA_RECENTSTMT_PIPE

MDA_RECENTSTMT_PIPE store

Default Store Properties

Refresh	60 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	

Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENTSTMT_PIPE](#) on page 413

Recently executed statements

MDA_SQLPLAN_PIPE

MDA_SQLPLAN_PIPE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_308](#)

MDA_SQLTEXT_PIPE

MDA_SQLTEXT_PIPE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate

Export Repeat Interval	00 00:30:00
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Related information

[#unique_310](#)

MDA_STMTCACHE

MDA_STMTCACHE store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_STMTCACHE](#) on page 414

Summary statistics about the statement cache

MDA_SYSPROCS

MDA_SYSPROCS store

Default Store Properties

Refresh	60 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Procedure Activity](#) on page 59

Procedure activity

[MDA_SYSPROCS](#) on page 416

Procedure activity

MDA_SYSTMT_PIPE

MDA_SYSTMT_PIPE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_312](#)

QUERY_METRICS

QUERY_METRICS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_314](#)

Storage

CE_LOCAL_TEMPDB

CE_LOCAL_TEMPDB store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_317](#)

DATABASE

DATABASE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SYB_DB_DATA_SPACE_UTIL](#) on page 83

(Non MDA) Data space % full > value rule

[SYB_DB_HOURS_SINCE_DUMP](#) on page 84

(Non MDA) Hours since last dump > value rule

[SYB_DB_LOG_SPACE_UTIL](#) on page 84

(Non MDA) Log space % full > value rule

[SYB_DB_TOTAL_SPACE_UTIL](#) on page 85

(Non MDA) Data+Log space % full > value rule

Related information

[#unique_202](#)

DATABASE_RECOVERY

DATABASE_RECOVERY store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	20 00:00:00

Related information[#unique_319](#)**DBCC_DATA_CACHE**

DBCC_DATA_CACHE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_321](#)**DBCC_DEVICE_IO**

DBCC_DEVICE_IO store

Default Store Properties

Refresh	120 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_323](#)**DEVICE_CONFIGURATION**

DEVICE_CONFIGURATION store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference[DEVICE_CONFIGURATION](#) on page 417

Devices configured for storage

DEVSPACE

DEVSPACE store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No

Export Start	immediate
Export Repeat Interval	20 00:00:00

Related reference

[Device Space](#) on page 48

Device space usage

[DEVSPACE](#) on page 418

Device space usage

[SYB_CEINST_DEVSPACE_PERCENTUSED](#) on page 70

Cluster Instance Local TempDB: Device utilization exceeds value rule

[SYB_DEVSPACE_PERCENTUSED](#) on page 86

Device utilization exceeds value rule

FULLEST_SEG_DB

FULLEST_SEG_DB store

Default Store Properties

Refresh	300 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[FULLEST_SEG_DB](#) on page 419

Fullest (non-tempdb) database segments

FULLEST_SEG_TEMPDB

FULLEST_SEG_TEMPDB store

Default Store Properties

Refresh	300 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7

Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[FULLEST_SEG_TEMPDB](#) on page 419

Fullest tempdb database segments

MDA_CACHEDOBJECT

MDA_CACHEDOBJECT store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_CACHEDOBJECT](#) on page 420

Data cache objects

MDA_CACHEPOOL

MDA_CACHEPOOL store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate

Export Repeat Interval	00 01:00:00
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Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_CACHEPOOL](#) on page 421

Data cache buffer pools

[SYB_MDA_CACHEPOOL_STALLS](#) on page 129

Buffer pool of a data cache is stalled rule

MDA_DATABASE

MDA_DATABASE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Databases](#) on page 41

Databases

[MDA_DATABASE](#) on page 423

Databases

[SYB_CEINST_DB_DATA_SPACE_UTIL](#) on page 68

Cluster Instance Local TempDB: Data space % full > value rule

[SYB_CEINST_DB_HOURS_SINCE_DUMP](#) on page 68

Cluster Instance Local TempDB: Hours since last dump > value rule

[SYB_CEINST_DB_LOG_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Log space % full > value rule

[SYB_CEINST_DB_TOTAL_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Data+Log space % full > value rule

[SYB_DATABASES_DATA_SPACE_UTIL](#) on page 81

Data space % full > value rule

[SYB_DATABASES_HOURS_SINCE_DUMP](#) on page 81

Hours since last dump > value rule

[SYB_DATABASES_LOG_SPACE_UTIL](#) on page 82

Log space % full > value rule

[SYB_DATABASES_TOTAL_SPACE_UTIL](#) on page 83

Data+Log space % full > value rule

MDA_DATACACHE

MDA_DATACACHE store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_DATACACHE](#) on page 425

Data cache activity

[SYB_MDA_DATACACHE_LOGREADS](#) on page 130

Datacache logical reads/sec > value rule

[SYB_MDA_DATACACHE_MISS_PCT](#) on page 131

Datacache miss percent > value rule

[SYB_MDA_DATACACHE_PHYWRITES](#) on page 131

Datacache phys writes/sec > value rule

[SYB_MDA_DATACACHE_STALLS](#) on page 132

Data cache is stalled rule

MDA_DATACACHE_SUM

MDA_DATACACHE_SUM store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	

Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_DATACACHE_SUM](#) on page 427

Data cache summary

MDA_DEVICE_IO

MDA_DEVICE_IO store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Device IO](#) on page 51

Device I/O activity

[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[SYB_MDA_DEVICEIO_IO_RATE](#) on page 92

IOs per sec exceeds value rule

[SYB_MDA_DEVICEIO_READ_RATE](#) on page 93

Reads per sec exceeds value rule

[SYB_MDA_DEVICEIO_TIME_PER_IO](#) on page 94

Milliseconds per IO exceeds value rule

[SYB_MDA_DEVICEIO_WRITE_RATE](#) on page 94

Writes per sec exceeds value rule

MDA_TEMPDB_TOP_VIEW

MDA_TEMPDB_TOP_VIEW store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_TEMPDB_TOP_VIEW](#) on page 431

TempDB activity

MDA_TEMPDB_USAGE

MDA_TEMPDB_USAGE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_TEMPDB_USAGE](#) on page 433

TempDB usage by process

SEGUSAGE

SEGUSAGE store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Segment Usage](#) on page 46

Segment space usage

[SEGUSAGE](#) on page 435

Segment space usage

[SYB_CEINST_LOG_SUSPENDS](#) on page 72

Cluster Instance Local TempDB: Database is in LOG SUSPEND rule

[SYB_CEINST_SEGDATA_FREE_CRITIC](#) on page 72

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_FULL_CRITIC](#) on page 73

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_INFO](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_WARN](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_MB_FREE_INFO](#) on page 75

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_MB_FREE_WARN](#) on page 76

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FREE_CRITICAL](#) on page 76

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FULL_CRITICAL](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_INFO](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_WARN](#) on page 78

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_MB_FREE_INFO](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_MB_FREE_WARN](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGUSAGE_SUSPECTDB](#) on page 80

Cluster Instance Local TempDB: Suspect (offline) Database Identified rule

[SYB_LOG_SUSPENDS](#) on page 92

Database is in LOG SUSPEND rule

[SYB_SEGUSAGE_LOGPERCENTUSED](#) on page 97

DEPRECATED: Log Segment utilization exceeds value rule

[SYB_SEGUSAGE_NONLOGPERCENTUSED](#) on page 98

DEPRECATED: NonLog Segment utilization exceeds value rule

[SYB_SEGUSAGE_PERCENTUSED](#) on page 99

DEPRECATED: Segment utilization exceeds value rule

[SYB_SEGUSAGE_SUSPECTDB](#) on page 99

Suspect (offline) Database Identified rule

[SYB_SEG_DATA_MB_FREE_CRITICAL](#) on page 100

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_INFO](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_WARN](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_PCNT_FULL_CRITICAL](#) on page 102

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_INFO](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_WARN](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_LOG_MB_FREE_CRITICAL](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_INFO](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_WARN](#) on page 105

Log segment < value (MB free) rule

[SYB_SEG_LOG_PCNT_FULL_CRITICAL](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_INFO](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_WARN](#) on page 107

Log segment > value (percentage full) rule

SUSPECT_OBJECTS

SUSPECT_OBJECTS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SUSPECT_OBJECTS](#) on page 437

Suspect objects

TRANSLOG

TRANSLOG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Transaction Log Usage](#) on page 49

Transaction log activity

[TRANSLOG](#) on page 438

Transaction log activity

[SYB_TRANSLOG_APPEND_LOG_WAIT](#) on page 108

High contention with transferring transaction log pages rule

TRANSLGINFO

TRANSLGINFO store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[TRANSLGINFO](#) on page 439

Transaction log extended information

Other

AUDITTEXT_PIPE

AUDITTEXT_PIPE store

Default Store Properties

Refresh	30 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[AUDITTEXT_PIPE](#) on page 440

Full text for audit entries

AUDIT_PIPE

AUDIT_PIPE store

Default Store Properties

Refresh	30 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Recent History - Compliance Auditing](#) on page 60

Auditing for compliance, based on historical data from ASE auditing

[AUDIT_PIPE](#) on page 441

Audit entries

BAD_LOCKS

BAD_LOCKS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_340](#)

BLOCKTREE

BLOCKTREE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_BLOCKTREE_BLOCKER](#) on page 64

Blocker exceeds blocked process count and time thresholds rule

Related information

[#unique_193](#)

CACHE_CONFIGS

CACHE_CONFIGS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	05 00:00:00

Related information

[#unique_342](#)

CE_ACTION

CE_ACTION store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_CE_ACTION_TIME](#) on page 108

Action has been running for time > value (seconds) rule

[SYB_CE_CLUSTER_INST_FAILBACK](#) on page 112

Failback started on logical cluster instance rule

[SYB_CE_CLUSTER_INST_FAILOVER](#) on page 112

Failover started on logical cluster instance rule

Related information

[#unique_220](#)

CE_CIPC

CE_CIPC store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_CE_CIPC_BUFFERS_CRITICAL](#) on page 109

CIPC Regular or Large Buffer Pool > value (percent full) rule

[SYB_CE_CIPC_BUFFERS_WARNING](#) on page 110

CIPC Regular or Large Buffers > value (percent full) rule

Related information

[#unique_224](#)

CE_CIPCENDPOINTS

CE_CIPCENDPOINTS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_344](#)

CE_CIPCLINKS

CE_CIPCLINKS store

Default Store Properties

Refresh	30 Minutes
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Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[SYB_CE_LINK_DOWN](#) on page 114

Link in cluster interconnect is down rule

Related information

[#unique_238](#)

CE_CIPCLINKS_SUM

CE_CIPCLINKS_SUM store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information

[#unique_346](#)

CE_CIPCMESH

CE_CIPCMESH store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_CE_MSG_DROP_RATE](#) on page 115

Dropped message rate > value (per second) rule

Related information

[#unique_241](#)

CE_CLUSTER

CE_CLUSTER store

Default Store Properties

Refresh	30 Minutes
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[SYB_CE_CLUSTER_DOWN](#) on page 110

Logical cluster Down rule

[SYB_CE_CLUSTER_OFFLINE](#) on page 113

Logical cluster Offline rule

Related information

[#unique_228](#)

CE_CLUSTER_CACHE

CE_CLUSTER_CACHE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_348](#)**CE_CONFIG**

CE_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_350](#)**CE_INFO**

CE_INFO store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate

Export Repeat Interval	10 00:00:00
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Related information[#unique_352](#)**CE_LOGICAL_INSTANCE**

CE_LOGICAL_INSTANCE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference[SYB_CE_CLUSTER_INST_DOWN](#) on page 111

Cluster Instance Down rule

[SYB_CE_CLUSTER_INST_OFFLINE](#) on page 113

Cluster Instance Offline rule

Related information[#unique_231](#)**CE_MIGRATE**

CE_MIGRATE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_354](#)**CE_PHYSICAL_INSTANCE**

CE_PHYSICAL_INSTANCE store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference[SYB_CE_PHYSICAL_INST_OFFLINE](#) on page 115

Physical Cluster Instance Offline rule

Related information[#unique_244](#)**CE_ROUTE**

CE_ROUTE store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information[#unique_356](#)**CE_SUMMARY**

CE_SUMMARY store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_358](#)**CE_SUMMARY_LINST**

CE_SUMMARY_LINST store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_360](#)**CE_WORKLOAD**

CE_WORKLOAD store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_362](#)**CE_WORKLOADPROFILE**

CE_WORKLOADPROFILE store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_364](#)**CE_WORKLOADDRAW**

CE_WORKLOADDRAW store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_366](#)**CFG_RESOURCE**

CFG_RESOURCE store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference[Health](#) on page 21

Overall health of the database instance

[Configured Resources](#) on page 50

Configured resources

[CFG_RESOURCE](#) on page 442

Configured resources

CHEVENTS

CHEVENTS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information[#unique_368](#)

CIS_CONFIG

CIS_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_370](#)**CONFIG_VS_ACTUAL**

CONFIG_VS_ACTUAL store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference[SYB_HEALTH_CONFIG_LIMITS](#) on page 123

Configuration limit exceeds value rule

Related information[#unique_247](#)**DBCC_CHECK**

DBCC_CHECK store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_372](#)**DBCC_CONTEXT**

DBCC_CONTEXT store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information[#unique_374](#)**DBCC_ENGINES**

DBCC_ENGINES store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_376](#)**DBCC_NETWORK_IO**

DBCC_NETWORK_IO store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_378](#)**DBCC_XACT_ACTIVITY**

DBCC_XACT_ACTIVITY store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_380](#)**ENGINELIST**

ENGINELIST store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_382](#)**ENG_CONFIG**

ENG_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_384](#)**EXECUTION_CLASS**

EXECUTION_CLASS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_386](#)

GLOBALSTATS

GLOBALSTATS store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Global](#) on page 20

Global statistics

[GLOBALSTATS](#) on page 443

Global statistics

[SYB_GLOB_ACTIVE_LOCKS](#) on page 116

Active Lock count exceeds value rule

[SYB_GLOB_BLOCKED](#) on page 117

Blocked Process count exceeds value rule

[SYB_GLOB_CPU_UTIL](#) on page 117

Datasever aggregate CPU utilization > value (percentage) rule

[SYB_GLOB_DISKIO](#) on page 86

Disk IO rate exceeds value rule

[SYB_GLOB_DISK_ERRORS_CURR](#) on page 87

Current Disk Errors exceeds value rule

[SYB_GLOB_DISK_ERRORS_TOT](#) on page 88

Total Disk Errors exceeds value rule

[SYB_GLOB_LOG_SUSPENDS](#) on page 88

Processes suspended for log space exceeds value rule

[SYB_GLOB_LONGBLOCKWAIT](#) on page 118

Longest Block Wait (sec) exceeds value rule

[SYB_GLOB_MEMORY_USAGE](#) on page 119

Memory usage exceeds value rule

[SYB_GLOB_PACKETIO](#) on page 119

Packet IO rate exceeds value rule

[SYB_GLOB_PACKET_ERRORS_CURR](#) on page 120

Current Packet Errors exceeds value rule

[SYB_GLOB_PACKET_ERRORS_TOT](#) on page 120

Total Packet Errors exceeds value rule

[SYB_GLOB_PROCESSES](#) on page 121

Process count exceeds value rule

[SYB_GLOB_SUSPECT_DATABASES](#) on page 89

Suspect (offline) Database Count > 0 rule

[SYB_GLOB_SUSPECT_OBJECTS](#) on page 90

Suspect Object Count > 0 rule

[SYB_GLOB_USERS](#) on page 122

User count exceeds value rule

[SYB_GLOB_USER_PROCESSES](#) on page 122

User Process count exceeds value rule

HEALTH_ACTIVITY

HEALTH_ACTIVITY store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_388](#)

HEALTH_INSTANCE

HEALTH_INSTANCE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_390](#)

HEALTH_PROCESS

HEALTH_PROCESS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_392](#)

HEALTH_TOP5CPU

HEALTH_TOP5CPU store

Default Store Properties

Refresh	300 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_394](#)**HEALTH_TOP5IO**

HEALTH_TOP5IO store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_396](#)**INDEXSTATSALL**

INDEXSTATSALL store

Default Store Properties

Refresh	6 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	DBTYPE = 'USER' and OBJTYPE = 'USER' and INDEXID != 0
Export	No

Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[INDEXSTATSALL](#) on page 445

Index stats for all databases

LISTENER

LISTENER store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[LISTENER](#) on page 446

Listeners

[SYB_LISTENER_MISSING](#) on page 124

Missing listener rule

[SYB_LISTENER_SUSPEND](#) on page 124

Suspended listeners rule

LOCKS

LOCKS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate

Export Repeat Interval	00 00:30:00
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Related information[#unique_400](#)**LOCK_SUMMARY**

LOCK_SUMMARY store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 12:00:00

Related information[#unique_402](#)**LOGFILE**

LOGFILE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference[LOGFILE](#) on page 447

Error log entries from local file

[SYB_LOGFILE_CRITICAL](#) on page 125

Critical ASE log entry found rule

[SYB_LOGFILE_ERROR](#) on page 125

Error ASE log entry found rule

[SYB_LOGFILE_HALT](#) on page 126

Shutdown ASE log entry found rule

LOGINS

LOGINS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 10:00:00

Related reference

[LOGINS](#) on page 447

Summary statistics for logins

[SYB_LOGINS_CURR_CONNECTIONS](#) on page 126

Current connections exceeds value rule

[SYB_LOGINS_CURR_CPU_PERCENT](#) on page 127

Current CPU Percent for Login exceeds value rule

[SYB_LOGINS_CURR_MEMORY](#) on page 127

Current Memory usage for Login exceeds value rule

[SYB_LOGINS_DEFAULT_DATABASE](#) on page 128

Default database for Login like name rule

[SYB_LOGINS_UNSECURE_PASSWORD](#) on page 129

Password < 6 chars or NULL rule

LOGIN_STATS

LOGIN_STATS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	

Export	No
Export Start	immediate
Export Repeat Interval	00 10:00:00

Related reference

[LOGIN_STATS](#) on page 449

Internal JOIN collection used by LOGINS collection; summary statistics for logins

LOGSHOLD

LOGSHOLD store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[SYB_CEINST_LOG_HOLD_TIME](#) on page 71

Cluster Instance Local TempDB: Transaction with log held for time > value (seconds) rule

[SYB_CEINST_LOG_REP_TRUNC_TIME](#) on page 71

Cluster Instance Local TempDB: Replication truncation point has not moved for time > value (seconds ago) rule

[SYB_HEALTH_SYSLOGSHOLD](#) on page 90

DEPRECATED: Oldest Transaction exceeds limit rule

[SYB_LOG_HOLD_TIME](#) on page 91

Transaction with log held for time > value (seconds) rule

[SYB_LOG_REP_TRUNC_TIME](#) on page 91

Replication truncation point has not moved for time > value (seconds ago) rule

MDA_DEADLOCK_PIPE

MDA_DEADLOCK_PIPE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_DEADLOCK_PIPE](#) on page 451

Deadlocks

[SYB_MDA_DEADLOCK_OCCURRED](#) on page 133

Deadlock identified rule

MDA_ENGINE

MDA_ENGINE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_ENGINE](#) on page 453

Engines

[SYB_MDA_ENGINE_CPU_PCT](#) on page 133

Individual dataserver engine CPU utilization > value (percentage) rule

MDA_ERRORLOG_PIPE

MDA_ERRORLOG_PIPE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[ASE Error Log](#) on page 60

Error log entries (from MDA)

[MDA_ERRORLOG_PIPE](#) on page 455

Error log entries (from MDA)

MDA_HEALTH_ACTIVITY

MDA_HEALTH_ACTIVITY store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[SYB_MDA_HEALTH_CPU_PCT](#) on page 134

Datasever aggregate CPU utilization > value (percentage) rule

[SYB_MDA_HEALTH_MEM_USED](#) on page 135

Memory Used (MB) exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_DB](#) on page 95

Suspect DB count exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_OBJECTS](#) on page 96

Suspect Obj count exceeds value rule

MDA_HEALTH_INSTANCE

MDA_HEALTH_INSTANCE store

Default Store Properties

Refresh	60 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	02 00:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_INSTANCE](#) on page 457

Health instance information

MDA_HEALTH_LONGSQL

MDA_HEALTH_LONGSQL store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_406](#)

MDA_HEALTH_NETIO

MDA_HEALTH_NETIO store

Default Store Properties

Refresh	120 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_HEALTH_NETIO](#) on page 457

Health network I/O

MDA_HEALTH_PROCESS

MDA_HEALTH_PROCESS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[SYB_MDA_HEALTH_PROCESS_BLOCKED](#) on page 135

Blocked process count > value rule

[SYB_MDA_HEALTH_PROCESS_CONN_CNT](#) on page 136

Connection count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_COUNT](#) on page 136

Process count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_SUSPENDS](#) on page 137

Suspended process count > value rule

MDA_LOCK

MDA_LOCK store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Locks](#) on page 32

Locks

[MDA_LOCK](#) on page 459

Locks

[SYB_MDA_LOCK_ORPHAN](#) on page 138

Orphaned locks rule

MDA_LOCKTIMEOUT_PIPE

MDA_LOCKTIMEOUT_PIPE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_LOCKTIMEOUT_PIPE](#) on page 460

Lock timeouts

MDA_MONITORING_OPTIONS

MDA_MONITORING_OPTIONS store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_OPTIONS](#) on page 464

Monitoring options

MDA_MONITORING_PIPE_OPTIONS

MDA_MONITORING_PIPE_OPTIONS store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_PIPE_OPTIONS](#) on page 464

Monitoring pipe options

MDA_NETWORK_IO

MDA_NETWORK_IO store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference[MDA_NETWORK_IO](#) on page 465

Network I/O activity by processes

MDA_OPENOBJ

MDA_OPENOBJ store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference[MDA_OPENOBJ](#) on page 466

Open object activity

MDA_OPENOBJ_DB

MDA_OPENOBJ_DB store

Default Store Properties

Refresh	600 Seconds
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Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_416](#)

MDA_PROCCACHE

MDA_PROCCACHE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_PROCCACHE](#) on page 469

Summary statistics of the procedure cache

MDA_PROCEDURE

MDA_PROCEDURE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_418](#)**MDA_PROCESS**

MDA_PROCESS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference[Processes](#) on page 27

Processes

[MDA_PROCESS](#) on page 469

Processes

[SYB_MDA_PROCESS_CPU_PERCENT](#) on page 138

Individual process CPU utilization > value (percentage) rule

[SYB_MDA_PROCESS_WAITSECS](#) on page 139

Process waitsecs > value rule

MDA_PROCOBJ

MDA_PROCOBJ store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_420](#)**MDA_SPINLOCK**

MDA_SPINLOCK store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_422](#)**MDA_SYSLOAD**

MDA_SYSLOAD store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_SYSLOAD](#) on page 473

Summary statistics about system load

MDA_SYSTIMEEVENTS

MDA_SYSTIMEEVENTS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEEVENTS](#) on page 474

System timed events

MDA_SYSTIMEEVENTS_CLASS

MDA_SYSTIMEEVENTS_CLASS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEEVENTS_CLASS](#) on page 475

System timed events by classes

MDA_THRESHOLD_PIPE

MDA_THRESHOLD_PIPE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_THRESHOLD_PIPE](#) on page 476

Threshold events for configured resource limitations

[SYB_MDA_THRESHOLD_EVENT](#) on page 140

Record New Threshold Events rule

MDA_WATCH_PROCESSES

MDA_WATCH_PROCESSES store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_426](#)

MDA_WATCH_SQLTEXT

MDA_WATCH_SQLTEXT store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_428](#)**MDA_WATCH_TIMESTAMP**

MDA_WATCH_TIMESTAMP store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_430](#)**MEM_CONFIG**

MEM_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_432](#)**OPENTRANS**

OPENTRANS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference[Open Transactions](#) on page 39

Open transactions

[OPENTRANS](#) on page 477

Open transactions

PROCESS

PROCESS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No

Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_PROCESS_BLOCKED_TIME](#) on page 140

Seconds Blocked exceeds value rule

[SYB_PROCESS_CPU_PERCENT](#) on page 141

Individual process CPU utilization > value (percentage) rule

[SYB_PROCESS_DECEASED_SPID](#) on page 141

Record Deceased SPIDs rule

[SYB_PROCESS_NEW_SPID](#) on page 142

Record New SPIDs rule

[SYB_PROCESS_PHYSIO_RATE](#) on page 96

Physical IO rate exceeds value rule

[SYB_PROCESS_STATUS](#) on page 143

Process status like value rule

[SYB_PROCESS_TRANSACTION_NAME](#) on page 143

Transaction Name like value rule

Related information

[#unique_212](#)

PROCESS_LOOKUP

PROCESS_LOOKUP store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 10:00:00

Related information

[#unique_434](#)

PROXY

PROXY store

Default Store Properties

Refresh	600 Seconds
----------------	-------------

Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_436](#)**REMOTE_LOGINS**

REMOTE_LOGINS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_438](#)**REMOTE_SERVERS**

REMOTE_SERVERS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	

Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_440](#)**REPAGENT_STATS**

REPAGENT_STATS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_442](#)**REPAGENT_STATUS**

REPAGENT_STATUS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SYB_REPAGENT_ADDED](#) on page 144
 Replication Agent added rule

[SYB_REPAGENT_BEHIND_SECONDS](#) on page 144

Replication truncation point is behind by threshold seconds rule

[SYB_REPAGENT_DROPPED](#) on page 145

Replication Agent dropped rule

[SYB_REPAGENT_STARTED](#) on page 146

DEPRECATED: Replication Agent Started rule

[SYB_REPAGENT_STATUS](#) on page 146

Replication Agent not connected rule

[SYB_REP_AGENT_PROBLEM](#) on page 147

Replication Agent state indicates problem rule

Related information

[#unique_281](#)

REP_REPLICATE_SITE

REP_REPLICATE_SITE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SYB_REP_BLOCKED_THREADS](#) on page 147

Replication blocked DSI threads exceeds threshold value rule

[SYB_REP_LAST_POST](#) on page 148

Replication seconds since last posted transaction exceeds value rule

[SYB_REP_LATENCY](#) on page 148

Replication latency in seconds exceeds value rule

[SYB_REP_LOG_SUSPENDED_THREADS](#) on page 97

Replication log suspended DSI threads exceeds threshold value rule

Related information

[#unique_215](#)

RESOURCE_LIMITS

RESOURCE_LIMITS store

Default Store Properties

Refresh	600 Seconds
----------------	-------------

Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[RESOURCE_LIMITS](#) on page 479

Resource limits defined by a system administrator to regulate server resources

RS_TICKET_RECEIVED

RS_TICKET_RECEIVED store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_RS_TICKET_LATENCY](#) on page 149

Check rs_ticket latency rule

[SYB_RS_TICKET_RECEIVED_EVER](#) on page 149

Has an rs_ticket ever been received? rule

[SYB_RS_TICKET_RECEIVED_RECENT](#) on page 150

Has a rs_ticket been received within the last # seconds? rule

Related information

[#unique_293](#)

RS_TICKET_SENT

RS_TICKET_SENT store

Default Store Properties

Refresh	60 Seconds
---------	------------

Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_RS_TICKET_SENT_RECENT](#) on page 151

Has a rs_ticket been sent within the last # seconds? rule

Related information

[#unique_298](#)

SPINLOCK

SPINLOCK store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Spinlock Activity](#) on page 55

Spinlock activity

[SPINLOCK](#) on page 480

Spinlock activity

SPINLOCK_DET

SPINLOCK_DET store

Default Store Properties

Refresh	120 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_446](#)**SPINLOCK_FREQ**

SPINLOCK_FREQ store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference[SPINLOCK_FREQ](#) on page 481

Spinlock usage histograms (frequency graphs)

SUSPECT_PROCESS

SUSPECT_PROCESS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No

Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_450](#)

SYSCONFIGURES

SYSCONFIGURES store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[SYSCONFIGURES](#) on page 482

ASE instance settings, or parameters

TIME_RANGE

TIME_RANGE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[TIME_RANGE](#) on page 483

Time ranges for resource limits

TWOPHASECOMM

TWOPHASECOMM store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[TWOPHASECOMM](#) on page 484

Two-phase commit (2PC) transactions

WATCH_PROCESSES

WATCH_PROCESSES store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_458](#)

WATCH_TIMESTAMP

WATCH_TIMESTAMP store

Default Store Properties

Refresh	120 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 12:00:00

Related information

[#unique_460](#)

Chapter

5

Stores

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- [AUDIT_PIPE](#)
- [BAD_LOCKS](#)
- [BLOCKTREE](#)
- [CACHE_CONFIGS](#)
- [CE_ACTION](#)
- [CE_CIPC](#)
- [CE_CIPCENDPOINTS](#)
- [CE_CIPCLINKS](#)
- [CE_CIPCLINKS_SUM](#)
- [CE_CIPCMESH](#)
- [CE_CLUSTER](#)
- [CE_CLUSTER_CACHE](#)
- [CE_CONFIG](#)
- [CE_INFO](#)
- [CE_LOCAL_TEMPDB](#)
- [CE_LOGICAL_INSTANCE](#)
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- [CE_WORKLOADDRAW](#)
- [CFG_RESOURCE](#)
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- [DATABASE](#)
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- [DBCC_CHECK](#)
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- DBCC_NETWORK_IO
- DBCC_XACT_ACTIVITY
- DEVICE_CONFIGURATION
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- GLOBALSTATS
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- LOGIN_STATS
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- MDA_BLOCKTREE
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- MDA_CACHEPOOL
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- MDA_DATACACHE
- MDA_DATACACHE_SUM
- MDA_DEADLOCK_PIPE
- MDA_DEVICE_IO
- MDA_ENGINE
- MDA_ERRORLOG_PIPE
- MDA_HEALTH_ACTIVITY
- MDA_HEALTH_INSTANCE
- MDA_HEALTH_LONGSQL
- MDA_HEALTH_NETIO
- MDA_HEALTH_PROCESS
- MDA_LOCK
- MDA_LOCKTIMEOUT_PIPE
- MDA_MONITORING_OPTIONS
- MDA_MONITORING_PIPE_OPTIONS
- MDA_NETWORK_IO
- MDA_OPENOBJ
- MDA_OPENOBJ_DB
- MDA_PROCBATCH

- MDA_PROCCACHE
- MDA_PROCEDURE
- MDA_PROCESS
- MDA_PROCOBJ
- MDA_PROCSQLPLAN
- MDA_PROCSQLPLANTEXT
- MDA_PROCSQLTEXT
- MDA_PROCSTACK
- MDA_PROCSTMT
- MDA_PROCTIMEDEVENT
- MDA_PROCWAIT
- MDA_RECENTSQLTEXT_PIPE
- MDA_RECENTSTMT_PIPE
- MDA_SPINLOCK
- MDA_SQLPLAN_PIPE
- MDA_SQLTEXT_PIPE
- MDA_STMTCACHE
- MDA_SYSLOAD
- MDA_SYSPROCS
- MDA_SYSSTMT_PIPE
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- [TRANSLOG](#)
- [TRANSLOGINFO](#)
- [TWOPHASECOMM](#)
- [WATCH_PROCESSES](#)
- [WATCH_TIMESTAMP](#)

AUDITTEXT_PIPE

AUDITTEXT_PIPE store

Default Store Properties

Refresh	30 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[AUDITTEXT_PIPE](#) on page 440

Full text for audit entries

AUDIT_PIPE

AUDIT_PIPE store

Default Store Properties

Refresh	30 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Recent History - Compliance Auditing](#) on page 60

Auditing for compliance, based on historical data from ASE auditing

[AUDIT_PIPE](#) on page 441

Audit entries

BAD_LOCKS

BAD_LOCKS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_340](#)

BLOCKTREE

BLOCKTREE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_BLOCKTREE_BLOCKER](#) on page 64

Blocker exceeds blocked process count and time thresholds rule

Related information

[#unique_193](#)

CACHE_CONFIGS

CACHE_CONFIGS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	05 00:00:00

Related information

[#unique_342](#)

CE_ACTION

CE_ACTION store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_CE_ACTION_TIME](#) on page 108

Action has been running for time > value (seconds) rule

[SYB_CE_CLUSTER_INST_FAILBACK](#) on page 112

Failback started on logical cluster instance rule

[SYB_CE_CLUSTER_INST_FAILOVER](#) on page 112

Failover started on logical cluster instance rule

Related information[#unique_220](#)

CE_CIPC

CE_CIPC store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference[SYB_CE_CIPC_BUFFERS_CRITICAL](#) on page 109

CIPC Regular or Large Buffer Pool > value (percent full) rule

[SYB_CE_CIPC_BUFFERS_WARNING](#) on page 110

CIPC Regular or Large Buffers > value (percent full) rule

Related information[#unique_224](#)

CE_CIPCENDPOINTS

CE_CIPCENDPOINTS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_344](#)

CE_CIPCLINKS

CE_CIPCLINKS store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference[SYB_CE_LINK_DOWN](#) on page 114

Link in cluster interconnect is down rule

Related information[#unique_238](#)

CE_CIPCLINKS_SUM

CE_CIPCLINKS_SUM store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information[#unique_346](#)

CE_CIPCMESH

CE_CIPCMESH store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_CE_MSG_DROP_RATE](#) on page 115

Dropped message rate > value (per second) rule

Related information

[#unique_241](#)

CE_CLUSTER

CE_CLUSTER store

Default Store Properties

Refresh	30 Minutes
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[SYB_CE_CLUSTER_DOWN](#) on page 110

Logical cluster Down rule

[SYB_CE_CLUSTER_OFFLINE](#) on page 113

Logical cluster Offline rule

Related information[#unique_228](#)

CE_CLUSTER_CACHE

CE_CLUSTER_CACHE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_348](#)

CE_CONFIG

CE_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_350](#)

CE_INFO

CE_INFO store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information

[#unique_352](#)

CE_LOCAL_TEMPDB

CE_LOCAL_TEMPDB store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_317](#)

CE_LOGICAL_INSTANCE

CE_LOGICAL_INSTANCE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_CE_CLUSTER_INST_DOWN](#) on page 111

Cluster Instance Down rule

[SYB_CE_CLUSTER_INST_OFFLINE](#) on page 113

Cluster Instance Offline rule

Related information

[#unique_231](#)

CE_MIGRATE

CE_MIGRATE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_354](#)

CE_PHYSICAL_INSTANCE

CE_PHYSICAL_INSTANCE store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[SYB_CE_PHYSICAL_INST_OFFLINE](#) on page 115

Physical Cluster Instance Offline rule

Related information

[#unique_244](#)

CE_ROUTE

CE_ROUTE store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information

[#unique_356](#)

CE_SUMMARY

CE_SUMMARY store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_358](#)

CE_SUMMARY_LINST

CE_SUMMARY_LINST store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_360](#)

CE_WORKLOAD

CE_WORKLOAD store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_362](#)

CE_WORKLOADPROFILE

CE_WORKLOADPROFILE store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_364](#)

CE_WORKLOADDRAW

CE_WORKLOADDRAW store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No

Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_366](#)

CFG_RESOURCE

CFG_RESOURCE store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Configured Resources](#) on page 50

Configured resources

[CFG_RESOURCE](#) on page 442

Configured resources

CHEVENTS

CHEVENTS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No

Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information[#unique_368](#)

CIS_CONFIG

CIS_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_370](#)

CONFIG_VS_ACTUAL

CONFIG_VS_ACTUAL store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference[SYB_HEALTH_CONFIG_LIMITS](#) on page 123

Configuration limit exceeds value rule

Related information

[#unique_247](#)

DATABASE

DATABASE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SYB_DB_DATA_SPACE_UTIL](#) on page 83

(Non MDA) Data space % full > value rule

[SYB_DB_HOURS_SINCE_DUMP](#) on page 84

(Non MDA) Hours since last dump > value rule

[SYB_DB_LOG_SPACE_UTIL](#) on page 84

(Non MDA) Log space % full > value rule

[SYB_DB_TOTAL_SPACE_UTIL](#) on page 85

(Non MDA) Data+Log space % full > value rule

Related information

[#unique_202](#)

DATABASE_RECOVERY

DATABASE_RECOVERY store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7

Filter	
Export	No
Export Start	immediate
Export Repeat Interval	20 00:00:00

Related information[#unique_319](#)

DBCC_CHECK

DBCC_CHECK store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_372](#)

DBCC_CONTEXT

DBCC_CONTEXT store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related information[#unique_374](#)**DBCC_DATA_CACHE**

DBCC_DATA_CACHE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_321](#)**DBCC_DEVICE_IO**

DBCC_DEVICE_IO store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information[#unique_323](#)

DBCC_ENGINES

DBCC_ENGINES store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_376](#)

DBCC_NETWORK_IO

DBCC_NETWORK_IO store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_378](#)

DBCC_XACT_ACTIVITY

DBCC_XACT_ACTIVITY store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_380](#)

DEVICE_CONFIGURATION

DEVICE_CONFIGURATION store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[DEVICE_CONFIGURATION](#) on page 417

Devices configured for storage

DEVSPACE

DEVSPACE store

Default Store Properties

Refresh	1 Days
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	20 00:00:00

Related reference

[Device Space](#) on page 48

Device space usage

[DEVSPACE](#) on page 418

Device space usage

[SYB_CEINST_DEVSPACE_PERCENTUSED](#) on page 70

Cluster Instance Local TempDB: Device utilization exceeds value rule

[SYB_DEVSPACE_PERCENTUSED](#) on page 86

Device utilization exceeds value rule

ENGINELIST

ENGINELIST store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_382](#)

ENG_CONFIG

ENG_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_384](#)**EXECUTION_CLASS**

EXECUTION_CLASS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_386](#)**FULLEST_SEG_DB**

FULLEST_SEG_DB store

Default Store Properties

Refresh	300 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[FULLEST_SEG_DB](#) on page 419

Fullest (non-tempdb) database segments

FULLEST_SEG_TEMPDB

FULLEST_SEG_TEMPDB store

Default Store Properties

Refresh	300 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[FULLEST_SEG_TEMPDB](#) on page 419

Fullest tempdb database segments

GLOBALSTATS

GLOBALSTATS store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Global](#) on page 20

Global statistics

[GLOBALSTATS](#) on page 443

Global statistics

[SYB_GLOB_ACTIVE_LOCKS](#) on page 116

Active Lock count exceeds value rule

[SYB_GLOB_BLOCKED](#) on page 117

Blocked Process count exceeds value rule

[SYB_GLOB_CPU_UTIL](#) on page 117

Dataserver aggregate CPU utilization > value (percentage) rule

[SYB_GLOB_DISKIO](#) on page 86

Disk IO rate exceeds value rule

[SYB_GLOB_DISK_ERRORS_CURR](#) on page 87

Current Disk Errors exceeds value rule

[SYB_GLOB_DISK_ERRORS_TOT](#) on page 88

Total Disk Errors exceeds value rule

[SYB_GLOB_LOG_SUSPENDS](#) on page 88

Processes suspended for log space exceeds value rule

[SYB_GLOB_LONGBLOCKWAIT](#) on page 118

Longest Block Wait (sec) exceeds value rule

[SYB_GLOB_MEMORY_USAGE](#) on page 119

Memory usage exceeds value rule

[SYB_GLOB_PACKETIO](#) on page 119

Packet IO rate exceeds value rule

[SYB_GLOB_PACKET_ERRORS_CURR](#) on page 120

Current Packet Errors exceeds value rule

[SYB_GLOB_PACKET_ERRORS_TOT](#) on page 120

Total Packet Errors exceeds value rule

[SYB_GLOB_PROCESSES](#) on page 121

Process count exceeds value rule

[SYB_GLOB_SUSPECT_DATABASES](#) on page 89

Suspect (offline) Database Count > 0 rule

[SYB_GLOB_SUSPECT_OBJECTS](#) on page 90

Suspect Object Count > 0 rule

[SYB_GLOB_USERS](#) on page 122

User count exceeds value rule

[SYB_GLOB_USER_PROCESSES](#) on page 122

User Process count exceeds value rule

HEALTH_ACTIVITY

HEALTH_ACTIVITY store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_388](#)

HEALTH_INSTANCE

HEALTH_INSTANCE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_390](#)

HEALTH_PROCESS

HEALTH_PROCESS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_392](#)

HEALTH_TOP5CPU

HEALTH_TOP5CPU store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_394](#)

HEALTH_TOP5IO

HEALTH_TOP5IO store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_396](#)

INDEXSTATSALL

INDEXSTATSALL store

Default Store Properties

Refresh	6 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	DBTYPE = 'USER' and OBJTYPE = 'USER' and INDEXID != 0
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[INDEXSTATSALL](#) on page 445

Index stats for all databases

LISTENER

LISTENER store

Default Store Properties

Refresh	600 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[LISTENER](#) on page 446

Listeners

[SYB_LISTENER_MISSING](#) on page 124

Missing listener rule

[SYB_LISTENER_SUSPEND](#) on page 124

Suspended listeners rule

LOCKS

LOCKS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_400](#)

LOCK_SUMMARY

LOCK_SUMMARY store

Default Store Properties

Refresh	2 Hours
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 12:00:00

Related information

[#unique_402](#)

LOGFILE

LOGFILE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[LOGFILE](#) on page 447

Error log entries from local file

[SYB_LOGFILE_CRITICAL](#) on page 125

Critical ASE log entry found rule

[SYB_LOGFILE_ERROR](#) on page 125

Error ASE log entry found rule

[SYB_LOGFILE_HALT](#) on page 126

Shutdown ASE log entry found rule

LOGINS

LOGINS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 10:00:00

Related reference

[LOGINS](#) on page 447

Summary statistics for logins

[SYB_LOGINS_CURR_CONNECTIONS](#) on page 126

Current connections exceeds value rule

[SYB_LOGINS_CURR_CPU_PERCENT](#) on page 127

Current CPU Percent for Login exceeds value rule

[SYB_LOGINS_CURR_MEMORY](#) on page 127

Current Memory usage for Login exceeds value rule

[SYB_LOGINS_DEFAULT_DATABASE](#) on page 128

Default database for Login like name rule

[SYB_LOGINS_UNSECURE_PASSWORD](#) on page 129

Password < 6 chars or NULL rule

LOGIN_STATS

LOGIN_STATS store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 10:00:00

Related reference

[LOGIN_STATS](#) on page 449

Internal JOIN collection used by LOGINS collection; summary statistics for logins

LOGSHOLD

LOGSHOLD store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[LOGSHOLD](#) on page 450

Transactions that prevent truncation points from moving

[SYB_CEINST_LOG_HOLD_TIME](#) on page 71

Cluster Instance Local TempDB: Transaction with log held for time > value (seconds) rule

[SYB_CEINST_LOG_REP_TRUNC_TIME](#) on page 71

Cluster Instance Local TempDB: Replication truncation point has not moved for time > value (seconds ago) rule

[SYB_HEALTH_SYSLOGSHOLD](#) on page 90

DEPRECATED: Oldest Transaction exceeds limit rule

[SYB_LOG_HOLD_TIME](#) on page 91

Transaction with log held for time > value (seconds) rule

[SYB_LOG_REP_TRUNC_TIME](#) on page 91

Replication truncation point has not moved for time > value (seconds ago) rule

MDA_BLOCKTREE

MDA_BLOCKTREE store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	BLOCKERSPID = 0 OR ROOTBLOCKERBLOCKEDCOUNT <= 30 OR BLOCKEDCOUNT >= ROOTBLOCKERBLOCKEDCOUNT / 5
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[MDA_BLOCKTREE](#) on page 400

Blocked processes

[SYB_MDA_BLOCKTREE_BLOCKER](#) on page 64

Blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_BLOCKER_DTCH](#) on page 65

Detached blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_WAITER](#) on page 65

Waiter exceeds time thresholds waiting on process rule

[SYB_MDA_BLOCKTREE_WAITER_DTCH](#) on page 66

Waiter exceeds time thresholds waiting on detached process rule

MDA_CACHEDOBJECT

MDA_CACHEDOBJECT store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_CACHEDOBJECT](#) on page 420

Data cache objects

MDA_CACHEDSQLTEXT

MDA_CACHEDSQLTEXT store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSQLTEXT](#) on page 403

SQL text of cached statements

MDA_CACHEDSTMT

MDA_CACHEDSTMT store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSTMT](#) on page 403

Cached statement statistics

MDA_CACHEPOOL

MDA_CACHEPOOL store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_CACHEPOOL](#) on page 421

Data cache buffer pools

[SYB_MDA_CACHEPOOL_STALLS](#) on page 129

Buffer pool of a data cache is stalled rule

MDA_DATABASE

MDA_DATABASE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Databases](#) on page 41

Databases

[MDA_DATABASE](#) on page 423

Databases

[SYB_CEINST_DB_DATA_SPACE_UTIL](#) on page 68

Cluster Instance Local TempDB: Data space % full > value rule

[SYB_CEINST_DB_HOURS_SINCE_DUMP](#) on page 68

Cluster Instance Local TempDB: Hours since last dump > value rule

[SYB_CEINST_DB_LOG_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Log space % full > value rule

[SYB_CEINST_DB_TOTAL_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Data+Log space % full > value rule

[SYB_DATABASES_DATA_SPACE_UTIL](#) on page 81

Data space % full > value rule

[SYB_DATABASES_HOURS_SINCE_DUMP](#) on page 81

Hours since last dump > value rule

[SYB_DATABASES_LOG_SPACE_UTIL](#) on page 82

Log space % full > value rule

[SYB_DATABASES_TOTAL_SPACE_UTIL](#) on page 83

Data+Log space % full > value rule

MDA_DATACACHE

MDA_DATACACHE store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_DATACACHE](#) on page 425

Data cache activity

[SYB_MDA_DATACACHE_LOGREADS](#) on page 130

Datacache logical reads/sec > value rule

[SYB_MDA_DATACACHE_MISS_PCT](#) on page 131

Datacache miss percent > value rule

[SYB_MDA_DATACACHE_PHYWRITES](#) on page 131

Datacache phys writes/sec > value rule

[SYB_MDA_DATACACHE_STALLS](#) on page 132

Data cache is stalled rule

MDA_DATACACHE_SUM

MDA_DATACACHE_SUM store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_DATACACHE_SUM](#) on page 427

Data cache summary

MDA_DEADLOCK_PIPE

MDA_DEADLOCK_PIPE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_DEADLOCK_PIPE](#) on page 451

Deadlocks

[SYB_MDA_DEADLOCK_OCCURRED](#) on page 133

Deadlock identified rule

MDA_DEVICE_IO

MDA_DEVICE_IO store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Device IO](#) on page 51

Device I/O activity

[MDA_DEVICE_IO](#) on page 428

Device I/O activity

[SYB_MDA_DEVICEIO_IO_RATE](#) on page 92

IOs per sec exceeds value rule

[SYB_MDA_DEVICEIO_READ_RATE](#) on page 93

Reads per sec exceeds value rule

[SYB_MDA_DEVICEIO_TIME_PER_IO](#) on page 94

Milliseconds per IO exceeds value rule

[SYB_MDA_DEVICEIO_WRITE_RATE](#) on page 94

Writes per sec exceeds value rule

MDA_ENGINE

MDA_ENGINE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_ENGINE](#) on page 453

Engines

[SYB_MDA_ENGINE_CPU_PCT](#) on page 133

Individual dataserver engine CPU utilization > value (percentage) rule

MDA_ERRORLOG_PIPE

MDA_ERRORLOG_PIPE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[ASE Error Log](#) on page 60

Error log entries (from MDA)

[MDA_ERRORLOG_PIPE](#) on page 455

Error log entries (from MDA)

MDA_HEALTH_ACTIVITY

MDA_HEALTH_ACTIVITY store

Default Store Properties

Refresh	120 Seconds
----------------	-------------

Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_ACTIVITY](#) on page 456

Health activity

[SYB_MDA_HEALTH_CPU_PCT](#) on page 134

Dataserver aggregate CPU utilization > value (percentage) rule

[SYB_MDA_HEALTH_MEM_USED](#) on page 135

Memory Used (MB) exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_DB](#) on page 95

Suspect DB count exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_OBJECTS](#) on page 96

Suspect Obj count exceeds value rule

MDA_HEALTH_INSTANCE

MDA_HEALTH_INSTANCE store

Default Store Properties

Refresh	60 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	02 00:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_INSTANCE](#) on page 457

Health instance information

MDA_HEALTH_LONGSQL

MDA_HEALTH_LONGSQL store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_406](#)

MDA_HEALTH_NETIO

MDA_HEALTH_NETIO store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_HEALTH_NETIO](#) on page 457

Health network I/O

MDA_HEALTH_PROCESS

MDA_HEALTH_PROCESS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_PROCESS](#) on page 458

Health processes information

[SYB_MDA_HEALTH_PROCESS_BLOCKED](#) on page 135

Blocked process count > value rule

[SYB_MDA_HEALTH_PROCESS_CONN_CNT](#) on page 136

Connection count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_COUNT](#) on page 136

Process count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_SUSPENDS](#) on page 137

Suspended process count > value rule

MDA_LOCK

MDA_LOCK store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No

Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Locks](#) on page 32

Locks

[MDA_LOCK](#) on page 459

Locks

[SYB_MDA_LOCK_ORPHAN](#) on page 138

Orphaned locks rule

MDA_LOCKTIMEOUT_PIPE

MDA_LOCKTIMEOUT_PIPE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_LOCKTIMEOUT_PIPE](#) on page 460

Lock timeouts

MDA_MONITORING_OPTIONS

MDA_MONITORING_OPTIONS store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	

Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_OPTIONS](#) on page 464

Monitoring options

MDA_MONITORING_PIPE_OPTIONS

MDA_MONITORING_PIPE_OPTIONS store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_PIPE_OPTIONS](#) on page 464

Monitoring pipe options

MDA_NETWORK_IO

MDA_NETWORK_IO store

Default Store Properties

Refresh	120 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_NETWORK_IO](#) on page 465

Network I/O activity by processes

MDA_OPENOBJ

MDA_OPENOBJ store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_OPENOBJ](#) on page 466

Open object activity

MDA_OPENOBJ_DB

MDA_OPENOBJ_DB store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_416](#)

MDA_PROCBATCH

MDA_PROCBATCH store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Current Executing Stmts](#) on page 36

Current executing statements

[MDA_PROCBATCH](#) on page 405

Current executing batches

[SYB_MDA_PROCBATCH_LONGBATCH](#) on page 67

Batch elapsed time > value rule

MDA_PROCCACHE

MDA_PROCCACHE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days

Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_PROCCACHE](#) on page 469

Summary statistics of the procedure cache

MDA_PROCEDURE

MDA_PROCEDURE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_418](#)

MDA_PROCESS

MDA_PROCESS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7

Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[MDA_PROCESS](#) on page 469

Processes

[SYB_MDA_PROCESS_CPU_PERCENT](#) on page 138

Individual process CPU utilization > value (percentage) rule

[SYB_MDA_PROCESS_WAITSECS](#) on page 139

Process waitsecs > value rule

MDA_PROCOBJ

MDA_PROCOBJ store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_420](#)

MDA_PROCSQLPLAN

MDA_PROCSQLPLAN store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLAN](#) on page 406

Parsed SQL plans for current executing statements

MDA_PROCSQLPLANTEXT

MDA_PROCSQLPLANTEXT store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLANTEXT](#) on page 407

SQL plan text for current executing statements

MDA_PROCSQLTEXT

MDA_PROCSQLTEXT store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLTEXT](#) on page 408

SQL text of current executing statements

MDA_PROCSTACK

MDA_PROCSTACK store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSTACK](#) on page 409

Procedure stack for current executing statements

MDA_PROCSTMT

MDA_PROCSTMT store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[Current Executing Stmts](#) on page 36

Current executing statements

[MDA_PROCSTMT](#) on page 410
Current executing statements

MDA_PROCTIMEDEVENT

MDA_PROCTIMEDEVENT store

Default Store Properties

Refresh	10 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_304](#)

MDA_PROCWAIT

MDA_PROCWAIT store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_306](#)

MDA_RECENSQLTEXT_PIPE

MDA_RECENSQLTEXT_PIPE store

Default Store Properties

Refresh	60 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENSQLTEXT_PIPE](#) on page 412

SQL text of recently executed statements

MDA_RECENTSTMT_PIPE

MDA_RECENTSTMT_PIPE store

Default Store Properties

Refresh	60 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENTSTMT_PIPE](#) on page 413

Recently executed statements

MDA_SPINLOCK

MDA_SPINLOCK store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_422](#)

MDA_SQLPLAN_PIPE

MDA_SQLPLAN_PIPE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_308](#)

MDA_SQLTEXT_PIPE

MDA_SQLTEXT_PIPE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_310](#)

MDA_STMTCACHE

MDA_STMTCACHE store

Default Store Properties

Refresh	2 Hours
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_STMTCACHE](#) on page 414

Summary statistics about the statement cache

MDA_SYSLOAD

MDA_SYSLOAD store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[MDA_SYSLOAD](#) on page 473

Summary statistics about system load

MDA_SYSPROCS

MDA_SYSPROCS store

Default Store Properties

Refresh	60 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Procedure Activity](#) on page 59

Procedure activity

[MDA_SYSPROCS](#) on page 416

Procedure activity

MDA_SYSSTMT_PIPE

MDA_SYSSTMT_PIPE store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_312](#)

MDA_SYSTIMEEVENTS

MDA_SYSTIMEEVENTS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEEVENTS](#) on page 474

System timed events

MDA_SYSTIMEDEVENTS_CLASS

MDA_SYSTIMEDEVENTS_CLASS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEDEVENTS_CLASS](#) on page 475

System timed events by classes

MDA_TEMPDB_TOP_VIEW

MDA_TEMPDB_TOP_VIEW store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_TEMPDB_TOP_VIEW](#) on page 431

TempDB activity

MDA_TEMPDB_USAGE

MDA_TEMPDB_USAGE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_TEMPDB_USAGE](#) on page 433

TempDB usage by process

MDA_THRESHOLD_PIPE

MDA_THRESHOLD_PIPE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[MDA_THRESHOLD_PIPE](#) on page 476

Threshold events for configured resource limitations

[SYB_MDA_THRESHOLD_EVENT](#) on page 140

Record New Threshold Events rule

MDA_WATCH_PROCESSES

MDA_WATCH_PROCESSES store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_426](#)

MDA_WATCH_SQLTEXT

MDA_WATCH_SQLTEXT store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_428](#)

MDA_WATCH_TIMESTAMP

MDA_WATCH_TIMESTAMP store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_430](#)

MEM_CONFIG

MEM_CONFIG store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_432](#)

OPENTRANS

OPENTRANS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Open Transactions](#) on page 39

Open transactions

[OPENTRANS](#) on page 477

Open transactions

PROCESS

PROCESS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_PROCESS_BLOCKED_TIME](#) on page 140

Seconds Blocked exceeds value rule

[SYB_PROCESS_CPU_PERCENT](#) on page 141

Individual process CPU utilization > value (percentage) rule

[SYB_PROCESS_DECEASED_SPID](#) on page 141

Record Deceased SPIDs rule

[SYB_PROCESS_NEW_SPID](#) on page 142

Record New SPIDs rule

[SYB_PROCESS_PHYSIO_RATE](#) on page 96

Physical IO rate exceeds value rule

[SYB_PROCESS_STATUS](#) on page 143

Process status like value rule

[SYB_PROCESS_TRANSACTION_NAME](#) on page 143

Transaction Name like value rule

Related information[#unique_212](#)

PROCESS_LOOKUP

PROCESS_LOOKUP store

Default Store Properties

Refresh	30 Minutes
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 10:00:00

Related information[#unique_434](#)

PROXY

PROXY store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_436](#)

QUERY_METRICS

QUERY_METRICS store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_314](#)

REMOTE_LOGINS

REMOTE_LOGINS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_438](#)

REMOTE_SERVERS

REMOTE_SERVERS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_440](#)**REPAGENT_STATS**

REPAGENT_STATS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information[#unique_442](#)**REPAGENT_STATUS**

REPAGENT_STATUS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes

Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SYB_REPAGENT_ADDED](#) on page 144

Replication Agent added rule

[SYB_REPAGENT_BEHIND_SECONDS](#) on page 144

Replication truncation point is behind by threshold seconds rule

[SYB_REPAGENT_DROPPED](#) on page 145

Replication Agent dropped rule

[SYB_REPAGENT_STARTED](#) on page 146

DEPRECATED: Replication Agent Started rule

[SYB_REPAGENT_STATUS](#) on page 146

Replication Agent not connected rule

[SYB_REP_AGENT_PROBLEM](#) on page 147

Replication Agent state indicates problem rule

Related information

[#unique_281](#)

REP_REPLICATE_SITE

REP_REPLICATE_SITE store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SYB_REP_BLOCKED_THREADS](#) on page 147

Replication blocked DSI threads exceeds threshold value rule

[SYB_REP_LAST_POST](#) on page 148

Replication seconds since last posted transaction exceeds value rule

[SYB_REP_LATENCY](#) on page 148

Replication latency in seconds exceeds value rule

[SYB_REP_LOG_SUSPENDED_THREADS](#) on page 97

Replication log suspended DSI threads exceeds threshold value rule

Related information

[#unique_215](#)

RESOURCE_LIMITS

RESOURCE_LIMITS store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[RESOURCE_LIMITS](#) on page 479

Resource limits defined by a system administrator to regulate server resources

RS_TICKET_RECEIVED

RS_TICKET_RECEIVED store

Default Store Properties

Refresh	60 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_RS_TICKET_LATENCY](#) on page 149

Check rs_ticket latency rule

[SYB_RS_TICKET_RECEIVED_EVER](#) on page 149

Has an rs_ticket ever been received? rule

[SYB_RS_TICKET_RECEIVED_RECENT](#) on page 150

Has a rs_ticket been received within the last # seconds? rule

Related information

[#unique_293](#)

RS_TICKET_SENT

RS_TICKET_SENT store

Default Store Properties

Refresh	60 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SYB_RS_TICKET_SENT_RECENT](#) on page 151

Has a rs_ticket been sent within the last # seconds? rule

Related information

[#unique_298](#)

SEGUSAGE

SEGUSAGE store

Default Store Properties

Refresh	120 Seconds
Enabled	Yes
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	

Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Segment Usage](#) on page 46

Segment space usage

[SEGUSAGE](#) on page 435

Segment space usage

[SYB_CEINST_LOG_SUSPENDS](#) on page 72

Cluster Instance Local TempDB: Database is in LOG SUSPEND rule

[SYB_CEINST_SEGDATA_FREE_CRITIC](#) on page 72

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_FULL_CRITIC](#) on page 73

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_INFO](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_WARN](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_MB_FREE_INFO](#) on page 75

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_MB_FREE_WARN](#) on page 76

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FREE_CRITICAL](#) on page 76

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FULL_CRITICAL](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_INFO](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_WARN](#) on page 78

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_MB_FREE_INFO](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_MB_FREE_WARN](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGUSAGE_SUSPECTDB](#) on page 80

Cluster Instance Local TempDB: Suspect (offline) Database Identified rule

[SYB_LOG_SUSPENDS](#) on page 92

Database is in LOG SUSPEND rule

[SYB_SEGUSAGE_LOGPERCENTUSED](#) on page 97

DEPRECATED: Log Segment utilization exceeds value rule

[SYB_SEGUSAGE_NONLOGPERCENTUSED](#) on page 98

DEPRECATED: NonLog Segment utilization exceeds value rule

[SYB_SEGUSAGE_PERCENTUSED](#) on page 99

DEPRECATED: Segment utilization exceeds value rule

[SYB_SEGUSAGE_SUSPECTDB](#) on page 99

Suspect (offline) Database Identified rule

[SYB_SEG_DATA_MB_FREE_CRITICAL](#) on page 100

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_INFO](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_WARN](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_PCNT_FULL_CRITICAL](#) on page 102

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_INFO](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_WARN](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_LOG_MB_FREE_CRITICAL](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_INFO](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_WARN](#) on page 105

Log segment < value (MB free) rule

[SYB_SEG_LOG_PCNT_FULL_CRITICAL](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_INFO](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_WARN](#) on page 107

Log segment > value (percentage full) rule

SPINLOCK

SPINLOCK store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[Spinlock Activity](#) on page 55

Spinlock activity

[SPINLOCK](#) on page 480
Spinlock activity

SPINLOCK_DET

SPINLOCK_DET store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_446](#)

SPINLOCK_FREQ

SPINLOCK_FREQ store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related reference

[SPINLOCK_FREQ](#) on page 481
Spinlock usage histograms (frequency graphs)

SUSPECT_OBJECTS

SUSPECT_OBJECTS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[SUSPECT_OBJECTS](#) on page 437

Suspect objects

SUSPECT_PROCESS

SUSPECT_PROCESS store

Default Store Properties

Refresh	300 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related information

[#unique_450](#)

SYSCONFIGURES

SYSCONFIGURES store

Default Store Properties

Refresh	1 Days
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	10 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	10 00:00:00

Related reference

[SYSCONFIGURES](#) on page 482

ASE instance settings, or parameters

TIME_RANGE

TIME_RANGE store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[TIME_RANGE](#) on page 483

Time ranges for resource limits

TRANSLOG

TRANSLOG store

Default Store Properties

Refresh	600 Seconds
----------------	-------------

Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[Transaction Log Usage](#) on page 49

Transaction log activity

[TRANSLLOG](#) on page 438

Transaction log activity

[SYB_TRANSLLOG_APPEND_LOG_WAIT](#) on page 108

High contention with transferring transaction log pages rule

TRANSLLOGINFO

TRANSLLOGINFO store

Default Store Properties

Refresh	600 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[TRANSLLOGINFO](#) on page 439

Transaction log extended information

TWOPHASECOMM

TWOPHASECOMM store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 01:00:00

Related reference

[TWOPHASECOMM](#) on page 484

Two-phase commit (2PC) transactions

WATCH_PROCESSES

WATCH_PROCESSES store

Default Store Properties

Refresh	120 Seconds
Enabled	No
Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 00:30:00

Related information

[#unique_458](#)

WATCH_TIMESTAMP

WATCH_TIMESTAMP store

Default Store Properties

Refresh	120 Seconds
Enabled	No

Overdue Timeout	1 Minutes
Partition Interval	1 Days
Partitions	7
Filter	
Export	No
Export Start	immediate
Export Repeat Interval	00 12:00:00

Related information

[#unique_460](#)

Chapter

6

Collections By Category

Topics:

- [SQL](#)
- [Storage](#)
- [Other](#)



SQL

MDA_BLOCKTREE

Blocked processes

Comments

When a process must wait to acquire a lock, it is a *waiter*. The other process that already has the lock (and is causing the waiter to wait) is a *blocker*.

This collection contains rows for both the blocker processes and the waiter processes in the database. If the row is a blocker process, then BLOCKERKPID = 0 and BLOCKERSPID = 0. If the row is a waiter process, then the "BLOCKERxx" columns have information about its immediate blocker.

Waiters being blocked by a blocker can themselves also block other waiters, potentially forming a *blocktree* involving many processes. Thus, a row can be a waiter and a blocker, in some cases (and can involve different locks).

Many of the columns are similar to ones in MDA_PROCESS and MDA_LOCK.

ROWID

(KPID, LOCKID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
KPID	long	Kernel process ID
SPID	long	Session process ID
LOCKID	long	Lock ID
BLOCKERINSTANCEID	long	Blocker instance ID
BLOCKERKPID	long	Blocker kernel process ID; 0 = the row is a blocker process
BLOCKERSPID	long	Blocker session process ID (SPID); 0 = the row is a blocker process
BLOCKERLOCKID	long	Blocker lock ID
TABLEDBID	long	Database ID for the locked object
TABLEDBNAME	string(32)	Database name for the locked object
TABlename	string(32)	Name of locked object
LOCKTYPE	string(32)	Lock type: exclusive intent exclusive page exclusive row exclusive table shared intent shared next key shared page

Name	Data Type	Description
		shared row shared table update row update page
LOCKLEVEL	string(32)	Lock level (ROW, PAGE, TABLE, ADDRESS)
PAGENUMBER	long	Page # that is locked if LockType = PAGE
ROWNUMBER	long	Row # that is locked if LockType = ROW
FAMILYID	long	Session process ID (SPID) of the parent process, if this is a worker process (for parallel query)
BATCHID	long	Batch ID
DBNAME	string(32)	Database name
PROCDBNAME	string(32)	Database name of the current procedure, if applicable
PROCNAME	string(32)	Name of the current procedure, if applicable
LINENUMBER	long	Line number in the batch
WAITEVENTID	long	Wait event ID
LOGIN	string(32)	Login name
TEMPDBNAME	string(32)	Name of tempdb assigned to this process
BLOCKERFAMILYID	long	Blocker's SPID of its parent process, if the blocker is a worker process (for parallel query)
BLOCKERBATCHID	long	Blocker batch ID
BLOCKERDBNAME	string(32)	Blocker current database name
BLOCKERPROCDBNAME	string(32)	Blocker's database name for its current procedure, if applicable
BLOCKERPROCNAME	string(32)	Blocker's name of its current procedure, if applicable
BLOCKERLINENUMBER	long	Blocker line number in its batch
BLOCKERWAITEVENTID	long	Blocker wait event ID (why the blocker is still holding the lock)
BLOCKERLOGIN	string(32)	Blocker login name
BLOCKERTEMPDBNAME	string(32)	Blocker's name of the tempdb assigned to its process
TIMEBLOCKED	long	Duration of time blocked, in seconds
BLOCKEDCOUNT	long	Number of processes being blocked, if the row is a blocker process
ROOTBLOCKERBLOCKEDCOUNT	long	Total number of processes being blocked in the entire blocktree involving this row
MAXTIMEBLOCKED	long	Maximum duration of time blocked in the entire blocktree involving this row
LCNAME	string(32)	Logical cluster name, if Cluster Edition
HOSTNAME	string(32)	Host name

Name	Data Type	Description
CMD	string(32)	General command type
APPNAME	string(32)	Application name
STATUS	string(16)	Status of the process
CLIENTOSPID	string(32)	Client OS PID
CLIENTIPADDR	string(64)	Client IP address
CLIENTNAME	string(32)	Client name
CLIENTHOSTNAME	string(32)	Client host name
CLIENTAPPLNAME	string(32)	Client application name
XACTSTARTTIME	time	Start time of the current transaction
XACTELAPSEDTIME	long	Elapsed time of the current transaction
XACTNAME	string(256)	Transaction name
GTRIDXA	string(256)	Binary version of the global transaction ID portion of XID
BQUALXA	string(256)	Binary version of the branch qualifier portion of XID
BLOCKERLCNAME	string(32)	Blocker logical cluster name, if Cluster Edition
BLOCKERHOSTNAME	string(32)	Blocker host name
BLOCKERCMD	string(32)	Blocker general command type
BLOCKERAPPNAME	string(32)	Blocker application name
BLOCKERSTATUS	string(16)	Blocker's status of its process
BLOCKERCLIENTOSPID	string(32)	Blocker client OS PID
BLOCKERCLIENTIPADDR	string(64)	Blocker client IP address
BLOCKERCLIENTNAME	string(32)	Blocker client name
BLOCKERCLIENTHOSTNAME	string(32)	Blocker client host name
BLOCKERCLIENTAPPLNAME	string(32)	Blocker client application name
BLOCKERXACTSTARTTIME	time	Blocker's start time of its current transaction
BLOCKERXACTELAPSEDTIME	long	Blocker's elapsed time of its current transaction
BLOCKERXACTNAME	string(256)	Blocker transaction name
BLOCKERGTRIDXA	string(256)	Blocker's binary version of its global transaction ID portion of XID
BLOCKERBQUALXA	string(256)	Blocker's binary version of its branch qualifier portion of XID

Requirements

Attributes: MDA

Minimum database version: 15.5

Related reference

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[SYB_MDA_BLOCKTREE_BLOCKER](#) on page 64

Blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_BLOCKER_DTCH](#) on page 65

Detached blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_WAITER](#) on page 65

Waiter exceeds time thresholds waiting on process rule

[SYB_MDA_BLOCKTREE_WAITER_DTCH](#) on page 66

Waiter exceeds time thresholds waiting on detached process rule

MDA_CACHEDSQLTEXT

SQL text of cached statements

ROWID

(SSQLID, LINENUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SSQLID	long	Cached statement ID
LINENUMBER	long	Line number
SQLTEXT	string(256)	SQL text fragment

Requirements

Attributes: MDA (and no CE)

Minimum database version: 15.0.2

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSQLTEXT](#) on page 250

MDA_CACHEDSQLTEXT store

MDA_CACHEDSTMT

Cached statement statistics

ROWID

(INSTANCEID, SSQLID, HASHKEY)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SSQLID	long	Cached statement ID
HASHKEY	long	Hash value of the statement text
USERID	long	User ID of the user which executed the statement which was cached
USERNAME	string(32)	Name of the user which executed the statement which was cached
SUSERID	long	Server user ID of the user which executed the statement which was cached
LOGIN	string(32)	Login name
DBID	long	Database ID
USECOUNT	long	Total number of times the statement was used after being cached
STATEMENTSIZE	long	Cached statement size, in bytes
MINPLANSIZEKB	long	Size of the plan when it is not in use, in kilobytes
MAXPLANSIZEKB	long	Size of the plan when it is in use, in kilobytes
CURRENTUSAGECOUNT	long	Number of active queries for the statement
MAXUSAGECOUNT	long	Maximum number of simultaneous queries for the statement
NUMRECOMPILESSCHEMACHANGES	long	Number of recompiles due to schema changes (including update statistics on a table)
NUMRECOMPILESPLANFLUSHES	long	Number of recompiles due to the plan not being found in the cache (i.e. it was flushed out)
HASAUTOPARAMS	string(8)	Whether the statement has any parameterized literals (Yes, No)
PARALLELDEGREE	long	Degree of parallelism
QUOTEDIDENTIFIER	long	Whether set quoted_identifier was set; 1 = yes, 0 = no
TRANSACTIONISOLATIONLEVEL	long	Transaction isolation level
TRANSACTIONMODE	long	Whether "chained transaction mode" was set; 1 = yes, 0 = no
SAAUTHORIZATION	long	Whether the user had sa_role authorization; 1 = yes, 0 = no
SYSTEMCATALOGUPDATE	long	Whether "allow catalog updates" was set; 1 = yes, 0 = no
METRICSCOUNT	long	Number of times metrics were aggregated
MINPIO	long	Minimum physical I/Os per statement execution
MAXPIO	long	Maximum physical I/Os per statement execution

Name	Data Type	Description
AVGPIIO	long	Average physical I/Os per statement execution
MINLIO	long	Minimum logical I/Os per statement execution
MAXLIO	long	Maximum logical I/Os per statement execution
AVGLIO	long	Average logical I/Os per statement execution
MINCPUTIME	long	Minimum CPU time per statement execution
MAXCPUTIME	long	Maximum CPU time per statement execution
AVGCPUTIME	long	Average CPU time per statement execution
MINELAPSEDTIME	long	Minimum elapsed time per statement execution
MAXELAPSEDTIME	long	Maximum elapsed time per statement execution
AVGELAPSEDTIME	long	Average elapsed time per statement execution
DBNAME	string(32)	Database name
CACHEDDATE	time	Time when the statement was cached
LASTUSEDDATE	time	Time when the statement was last used
LASTRECOMPILEDDATE	time	Time when the statement was last recompiled
SQLTEXT	string(256)	SQL text preview
MERGESTATUS	long	Internal-use merge status; created by Surveillance
MINPLANSIZEB	double	Size of the plan when it is not in use, in bytes
MAXPLANSIZEB	double	Size of the plan when it is in use, in bytes

Requirements

Attributes: MDA

Minimum database version: 15.0.2

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSTMT](#) on page 251

MDA_CACHEDSTMT store

MDA_PROCBATCH

Current executing batches

ROWID

(KPID, BATCHID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE

Name	Data Type	Description
SPID	long	Session process ID
KPID	long	Kernel process ID
BATCHID	long	Batch ID
CONTEXTID	long	Context ID
STMTSTARTTIME	time	Start time of the current statement in the batch
NOWTIME	time	Current time
PROCDBNAME	string(32)	Database name of the current procedure, if applicable
PROCEDURENAME	string(64)	Name of the current procedure, if applicable
LINENUMBER	long	Line number in the batch
TEMPDBNAME	string(32)	TempDB name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
STARTTIME	double	Start time of the batch, in time_t format
ELAPSEDTIME	double	Elapsed time of the batch, in seconds

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Current Executing Stmts](#) on page 36
Current executing statements

[MDA_PROCBATCH](#) on page 251
MDA_PROCBATCH store

[SYB_MDA_PROCBATCH_LONGBATCH](#) on page 67
Batch elapsed time > value rule

MDA_PROCSQLPLAN

Parsed SQL plans for current executing statements

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
InstanceID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
SQID	string(20)	SQL ID; created by Surveillance
PLANID	string(20)	Plan ID; created by Surveillance

Name	Data Type	Description
Step	long	Step # in the plan
ParentID	long	ID of parent of this node in the plan; 0 = this node is the root node in the plan
ID	long	ID of this node in the plan
Depth	long	Depth of this node in the plan hierarchy
Operation	string(32)	Name of operation for this node
Options	string(48)	Options for the operation for this node
Object	string(64)	Target object of this operation
Object2	string(64)	Second target object of this operation
IOSizeData	long	I/O size used for data pages for this node, in bytes
BRSDData	string(4)	Buffer Replacement Strategy used for data pages for this node
IOSizeIdxLeaf	long	I/O size used for index leaf pages for this node, in bytes
BRSidxLeaf	string(4)	Buffer Replacement Strategy used for index leaf pages for this node

Requirements

Attributes: MDA

Minimum database version: 15.0

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmt](#)s on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLAN](#) on page 252

MDA_PROCSQLPLAN store

MDA_PROCSQLPLANTEXT

SQL plan text for current executing statements

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
InstanceID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
SQLID	string(20)	SQL ID; created by Surveillance
PLANID	string(20)	Plan ID; created by Surveillance
SeqNo	long	Sequence # of text fragment
SQLPlan	string(256)	Text fragment of SQL plan

Requirements

Attributes:	MDA
Minimum database version:	12.5.0.3

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLANTEXT](#) on page 252

MDA_PROCSQLPLANTEXT store

MDA_PROCSQLTEXT

SQL text of current executing statements

ROWID

(KPID, BATCHID, LINENUMBER, SEQUENCEINLINE)

Columns

Name	Data Type	Description
SPID	long	Session process ID
KPID	long	Kernel process ID
INSTANCEID	long	Instance ID; 0 = non-CE
BATCHID	long	Batch ID
SQLID	string(20)	SQL ID; created by Surveillance

Name	Data Type	Description
LINENUMBER	long	Line number in batch
SEQUENCEINLINE	long	Sequence # of text fragment for the given line
SQLTEXT	string(256)	SQL text fragment

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Processes](#) on page 27
Processes

[Locks](#) on page 32
Locks

[Blocked Processes](#) on page 34
Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36
Current executing statements

[Open Transactions](#) on page 39
Open transactions

[MDA_PROCSQLTEXT](#) on page 253
MDA_PROCSQLTEXT store

MDA_PROCSTACK

Procedure stack for current executing statements

ROWID

(KPID, CONTEXTID, STATEMENTNUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
CONTEXTID	long	Current context ID of the procedure
STATEMENTNUMBER	long	Current statement number (unique in a batch) of the procedure
OBJECTTYPE	string(36)	Type of procedure (stored procedure, etc.) in the stack
OBJECTNAME	string(32)	Name of the procedure in the stack
LINENUMBER	long	Current line number of the procedure
COMPILEDATE	time	Compile date of the procedure
MEMUSAGEEB	double	Memory usage, in bytes

Name	Data Type	Description
DBID	long	Database ID
OWNERUID	long	Owner ID of the procedure
OBJECTID	long	Procedure ID
PLANID	long	Plan ID (number) in procedure cache
DBNAME	string(32)	Name of the database that contains the procedure
OWNERNAME	string(32)	Name of the owner of the procedure

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSTACK](#) on page 254

MDA_PROCSTACK store

MDA_PROCSTMT

Current executing statements

ROWID

(SPID, KPID, KEYID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
DBID	long	Database ID
PROCEDUREID	long	Procedure ID; 0 = not a procedure
BATCHID	long	Batch ID
CONTEXTID	long	Context ID

Name	Data Type	Description
LINENUMBER	long	Line number in the batch
KEYID	string(72)	Internal-use, surrogate partial key; created by Surveillance
SQLID	string(20)	SQL ID; created by Surveillance
CPUTIME	long	CPU time, in milliseconds
WAITTIME	long	Wait time, in milliseconds
STARTTIME	time	Start time of statement
MEMUSAGEKB	long	Memory usage, in kilobytes
PHYSICALREADS	double	Number of physical reads
LOGICALREADS	double	Number of logical reads
PAGESMODIFIED	double	Number of pages written
PACKETSENT	long	Number of network packets sent
PACKETSRECEIVED	long	Number of network packets received
NETWORKPACKETSIZE	long	Size of each network packet, in bytes
PLANSALTERED	long	Number of plans altered
ROWSAFFECTED	long	Number of rows affected
ELAPSEDTIME	long	Elapsed time, in seconds
ELAPSEDTIMEMS	long	Elapsed time, in milliseconds
MEMUSAGEB	double	Memory usage, in bytes
SQLTEXT	string(256)	SQL text preview
PROCEDURENAME	string(64)	Procedure name, if applicable
LOGIN	string(32)	User login name
DBNAME	string(32)	Database name
TEMPDBNAME	string(32)	TempDB name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
WAITTIME_DELTA	double	Wait time delta
WAITTIME_TOTAL	double	Wait time total, since collection started
PHYSICALREAD_DELTA	double	Delta number of physical reads
PHYSICALREAD_TOTAL	double	Total number of physical reads, since collection started
LOGICALREAD_DELTA	double	Delta number of logical reads
LOGICALREAD_TOTAL	double	Total number of logical reads, since collection started
PACKETSENT_DELTA	double	Delta number of network packets sent
PACKETSEND_TOTAL	double	Total number of network packets sent, since collection started
PACKETSRECEIVED_DELTA	double	Delta number of network packets received
PACKETSRECEIVED_TOTAL	double	Total number of network packets received, since collection started

Name	Data Type	Description
BYTESENT	double	Network bytes sent
BYTESRECEIVED	double	Network bytes received
CPUSECS	double	CPU time, in seconds
CPUPCT	double	CPU % Used (1 CPU), in interval
BYTESENT_DELTA	double	Network bytes sent delta
BYTESRECEIVED_DELTA	double	Network bytes received delta
CPUTIME_DELTA	double	CPU time delta, in milliseconds
ELAPSEDTIME_DELTA	double	Elapsed time delta, in seconds
ELAPSEDTIMEMS_DELTA	double	Elapsed time delta, in milliseconds

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21
Overall health of the database instance

[Current Executing Stmts](#) on page 36
Current executing statements

[MDA_PROCSTMT](#) on page 254
MDA_PROCSTMT store

MDA_RECENTSQLTEXT_PIPE

SQL text of recently executed statements

ROWID

(KPID, BATCHID, SEQUENCEINBATCH, RID)

Columns

Name	Data Type	Description
SPID	long	Session process ID
KPID	long	Kernel process ID
BATCHID	long	Batch ID
RSQLID	string(20)	RSQL ID; created by Surveillance
SEQUENCEINBATCH	long	Sequence # of text fragment for the given batch
RID	long	Internal-use, partial key; created by Surveillance
SQLTEXT	string(256)	SQL text fragment

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENTSQLTEXT_PIPE](#) on page 256

MDA_RECENTSQLTEXT_PIPE store

MDA_RECENTSTMT_PIPE

Recently executed statements

ROWID

(SPID, KPID, BATCHID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
BATCHID	long	Batch ID
STARTDBID	long	ID of the database where the batch started
STARTDBNAME	string(32)	Name of the database where the batch started
LOGIN	string(32)	User login name
STARTTIME	time	Start time of statement
ENDTIME	time	End time of statement
ELAPSEDTIME	long	Elapsed time, in seconds
RSQLID	string(20)	RSQL ID; created by Surveillance
CPUTIME	long	CPU time, in milliseconds
WAITTIME	long	Wait time, in milliseconds
MEMUSAGEB	double	Memory usage, in bytes
PHYSICALREADS	double	Number of physical reads
LOGICALREADS	double	Number of logical reads
ROWSAFFECTED	double	Number of rows affected
PAGESMODIFIED	double	Number of pages written
PACKETSENT	double	Number of network packets sent

Name	Data Type	Description
PACKETSRECEIVED	double	Number of network packets received
BYTESENT	double	Network bytes sent
BYTESRECEIVED	double	Network bytes received
PLANSALTERED	long	Number of plans altered
ERRORSTATUS	long	Error code, if an error occurred
SQLTEXT	string(256)	SQL text preview

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENTSTMT_PIPE](#) on page 256

MDA_RECENTSTMT_PIPE store

MDA_STMTCACHE

Summary statistics about the statement cache

ROWID

(INSTANCEID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHENAME	string(16)	Literal: "Statement Cache"; created by Surveillance
TOTALSIZEKB	double	Configured size of the statement cache, in kilobytes
USED_SIZEKB	double	Amount of the statement cache that is currently in use, in kilobytes
NUMSTATEMENTS	long	Number of statements
NUMSEARCHES	long	Number of searches performed
HITCOUNT	long	Number of searches performed where a match was found
MISSCOUNT	long	Number of searches performed where a match was not found
NUMINSERTS	long	Number of inserted statements
NUMREMOVALS	long	Number of removed statements

Name	Data Type	Description
NUMRECOMPILESSCHEMACHANGES	long	Number of recompiles due to schema changes
NUMRECOMPILESPPLANFLUSHES	long	Number of recompiles due to plan flushes
MERGESTATUS	long	Internal-use merge status; created by Surveillance
TOTALSIZEB	double	Configured size of the statement cache, in bytes
USED_SIZEB	double	Amount of the statement cache that is currently in use, in bytes
NUMSEARCHES_CURRENT	double	Delta number of searches performed
NUMSEARCHES_OVERALL	double	Total number of searches performed, since collection started
HITCOUNT_CURRENT	double	Delta number of searches performed where a match was found
HITCOUNT_OVERALL	double	Total number of searches performed where a match was found, since collection started
NUMINSERTS_CURRENT	double	Delta number of inserted statements
NUMINSERTS_OVERALL	double	Total number of inserted statements, since collection started
NUMREMOVALS_CURRENT	double	Delta number of removed statements
NUMREMOVALS_OVERALL	double	Total number of removed statements, since collection started
MISSCOUNT_CURRENT	double	Delta number of searches performed where a match was not found
MISSCOUNT_OVERALL	double	Total number of searches performed where a match was not found, since collection started
MISS_PCT	double	Search miss %, in interval
MISS_PCT_AVG	double	Average search miss %, over each interval since collection started
MISS_PCT_MAX	double	Maximum search miss %, over each interval since collection started
TOT_MISS_PCT	double	Search miss %, since ASE instance started
OVR_MISS_PCT	double	Search miss %, over all intervals since collection started
USED_PCT	double	% of statement cache currently in use

Requirements

Attributes: MDA

Minimum database version: 15.0.2

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_STMTCACHE](#) on page 258

MDA_STMTCACHE store

MDA_SYSPROCS

Procedure activity

ROWID

(DBNAME, NAME)

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
NAME	string(132)	Procedure name
TYPE	string(12)	Procedure type
USECOUNT	long	Total number of times procedure was used, since oldest data available
CPUTIME	long	Total CPU time, in milliseconds, over all procedure calls, since oldest data available
WAITTIME	long	Total wait time, in milliseconds, over all procedure calls, since oldest data available
ELAPSEDTIME	long	Total elapsed time, in milliseconds, over all procedure calls, since oldest data available
OTHERTIME	long	Total other time, in milliseconds, over all procedure calls, since oldest data available
MINCPUTIME	long	Minimum CPU time per procedure call, in milliseconds, since oldest data available
MAXCPUTIME	long	Maximum CPU time per procedure call, in milliseconds, since oldest data available
AVGCPUTIME	long	Average CPU time per procedure call, in milliseconds, since oldest data available
MINWAITTIME	long	Minimum wait time per procedure call, in milliseconds, since oldest data available
MAXWAITTIME	long	Maximum wait time per procedure call, in milliseconds, since oldest data available
AVGWAITTIME	long	Average wait time per procedure call, in milliseconds, since oldest data available
MINELAPSEDTIME	long	Minimum elapsed time per procedure call, in milliseconds, since oldest data available
MAXELAPSEDTIME	long	Maximum elapsed time per procedure call, in milliseconds, since oldest data available
AVGELAPSEDTIME	long	Average elapsed time per procedure call, in milliseconds, since oldest data available
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Name	Data Type	Description
CPUTIME_DELTA	double	Delta total CPU time, in milliseconds
CPUTIME_OVERALL	double	Total CPU time, in milliseconds, since collection started
WAITTIME_DELTA	double	Delta total wait time, in milliseconds
WAITTIME_OVERALL	double	Total wait time, in milliseconds, since collection started
ELAPSEDTIME_DELTA	double	Delta total elapsed time, in milliseconds
ELAPSEDTIME_OVERALL	double	Total elapsed time, in milliseconds, since collection started
USECOUNT_DELTA	double	Delta number of times procedure was used

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Procedure Activity](#) on page 59

Procedure activity

[MDA_SYSPROCS](#) on page 258

MDA_SYSPROCS store

Storage

DEVICE_CONFIGURATION

Devices configured for storage

ROWID

None

Columns

Name	Data Type	Description
DEVNAME	string(32)	Device name
PHYNAME	string(128)	Physical name (path) of the device
SIZE	string(36)	Total allocated size, in string format
USED	string(36)	Amount of space used, in string format
FREE	string(36)	Unused amount of space, in string format
STATUS	string(256)	Options and attributes of the device
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[DEVICE_CONFIGURATION](#) on page 262
 DEVICE_CONFIGURATION store

DEVSPACE

Device space usage

ROWID

(INSTANCEID, DEVICE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DEVICE	string(32)	Device name
DEVTYPE	string(32)	Device type (default disk, physical disk, archive database disk, other)
SIZEMB	double	Total allocated size (at the OS level), in megabytes
ALLOCMB	double	Amount of used space (USEDMB) that is allocated to database objects, in megabytes
UNALLOCMB	double	Amount of used space (USEDMB) that is unused by database objects, in megabytes
USEDMB	double	Amount of space used, in megabytes
FREEMB	double	Unused space, in megabytes
DEVSTATUS	string(256)	Options and attributes of the device
PHYNAME	string(128)	Physical name (path) of the device
PCTALLOC	double	% of used space (USEDMB) that is allocated to database objects
PCTUSED	double	% of total allocated size (at the OS level) that is used
MERGESTATUS	long	Internal-use merge status; created by Surveillance
SIZEB	double	Total allocated size (at the OS level), in bytes
ALLOCB	double	Amount of used space (USEDDB) that is allocated to database objects, in bytes
UNALLOCB	double	Amount of used space (USEDDB) that is unused by database objects, in bytes
USEDDB	double	Amount of space used, in bytes
FREEB	double	Unused space, in bytes

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Device Space](#) on page 48

Device space usage

[DEVSPACE](#) on page 262

DEVSPACE store

[SYB_CEINST_DEVSPACE_PERCENTUSED](#) on page 70

Cluster Instance Local TempDB: Device utilization exceeds value rule

[SYB_DEVSPACE_PERCENTUSED](#) on page 86

Device utilization exceeds value rule

FULLEST_SEG_DB

Fullest (non-tempdb) database segments

ROWID

(DBNAME, SEGNAME)

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
SEGNAME	string(68)	Segment name
TOTALSIZEMB	double	Total allocated size, in megabytes
USEDMB	double	Amount of space used, in megabytes
USEDPCT	double	% of total allocated size that is used
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[FULLEST_SEG_DB](#) on page 263

FULLEST_SEG_DB store

FULLEST_SEG_TEMPDB

Fullest tempdb database segments

ROWID

(DBNAME, SEGNAME)

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
SEGNAME	string(68)	Segment name
TOTALSIZEMB	double	Total allocated size, in megabytes
USEDMB	double	Amount of space used, in megabytes
USEDPCT	double	% of total allocated size that is used
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[FULLEST_SEG_TEMPDB](#) on page 263

FULLEST_SEG_TEMPDB store

MDA_CACHEDOBJECT

Data cache objects

ROWID

None

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHEID	long	
DBID	long	Database ID
INDEXID	long	
PARTITIONID	long	
CACHEDKKB	long	
CACHENAME	string(32)	
OBJECTID	long	
DBNAME	string(32)	Database name
OWNERUSERID	long	
OWNERNAME	string(32)	
OBJECTNAME	string(32)	

Name	Data Type	Description
PARTITIONNAME	string(32)	
OBJECTTYPE	string(32)	
TOTALSIZEKB	long	
PROCESSESACCESSING	long	
ONAME	string(256)	
INDEXNAME	string(32)	

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_CACHEDOBJECT](#) on page 264

MDA_CACHEDOBJECT store

MDA_CACHEPOOL

Data cache buffer pools

ROWID

(INSTANCEID, CACHEID, IOBUFFERSIZE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHEID	long	
IOBUFFERSIZE	long	
INSTANCECOUNT	long	
USEDPCT	double	
USEDBYTES	double	
ALLOCATEDKB	double	
PHYSICALREADS	double	
STALLS	double	
PAGESTOUCED	double	
PAGESREAD	double	
BYTESREAD	double	
BUFFERSTOMRU	double	
BYTESTOMRU	double	
BUFFERSTOLRU	double	

Name	Data Type	Description
BYTESTOLRU	double	
CACHENAME	string(32)	
TSYNC	long	
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	
PHYSICALREADS_RATE	double	
STALLS_DELTA	double	
STALLS_OVERALL	double	
PAGESTOUCHEDELT	double	
PAGESREAD_DELTA	double	
PAGESREAD_RATE	double	
BUFFERSTOMRU_DELTA	double	
BUFFERSTOMRU_RATE	double	
BUFFERSTOLRU_DELTA	double	
BUFFERSTOLRU_RATE	double	
ALLOCATEDBYTES	double	
BYTESREAD_DELTA	double	
BYTESREAD_RATE	double	
BYTESTOMRU_DELTA	double	
BYTESTOMRU_RATE	double	
BYTESTOLRU_DELTA	double	
BYTESTOLRU_RATE	double	
USEDPCT_AVG	double	
USEDPCT_MAX	double	

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_CACHEPOOL](#) on page 264

MDA_CACHEPOOL store

[SYB_MDA_CACHEPOOL_STALLS](#) on page 129

Buffer pool of a data cache is stalled rule

MDA_DATABASE

Databases

ROWID

(DB_NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DB_NAME	string(32)	Database name
RECOVERID	long	Recovery order #; set by sp_dbrecovery_order()
ISTEMPDB	string(4)	D = Default tempdb (DBID = 2), U = User-defined tempdb, (blank) = Non-tempdb
DB_TRAN_DUMPED	time	Internal last transaction log dump time; includes frequent system-initiated transaction log dumps
HOURS_SINCE_DUMP	long	Number of hours since internal last transaction log dump time (DB_TRAN_DUMPED)
BACKUPSTARTTIME	time	Time that the last full database backup started
HOURS_SINCE_BACKUP	long	Number of hours since the last full database backup started (BACKUPSTARTTIME)
LASTCHECKPOINTTIME	time	Time of the last checkpoint on the database
HOURS_SINCE_CHECKPOINT	long	Number of hours since the last checkpoint on the database (LASTCHECKPOINTTIME)
BACKUPINPROGRESS	long	Whether a backup is currently in progress for the database
LASTBACKUPFAILED	long	Whether the last backup failed for the database
TRANSACTIONLOGFULL	long	Whether the transaction log is full for the database
SUSPENDEDPROCESSES	long	Number of processes currently suspended because the transaction log is full for the database
APPENDLOGREQUEST	double	Number of append log requests
APPENDLOGWAITS	double	Number of waits during append log requests
LASTTRANLOGDUMPTIME	time	Time of last transaction log dump initiated by user
QUIESCETAG	string(32)	Tag used in the <i>quiesce database</i> command, if the database is quiesced
SHRINKSTATUS	string(8)	Yes = Database shrink in progress; No = No shrink in progress; unknown = Unknown shrink status
ENCRYPTIONSTATUS	string(20)	Encryption status: normal encrypted being encrypted partially encrypted

Name	Data Type	Description
		being decrypted partially decrypted unknown
TRANDUMPABLESTATUS	long	0 = Normal transaction log dump is allowed; >0 = Not dumpable due to some issue (see ASE docs for further interpretation); -1 = Unavailable dumpable status
DB_OWNER	string(32)	Database owner name
DB_CREATED	time	Time of database creation
DB_OPTIONS	string(124)	Database options; no options set = No database options set; otherwise, one or more options, including (but not limited to): abort tran on log full allow nulls by default archive async log service auto identity compressed data compressed log dbo use only ddl in tran delayed commit don't recover erase residual data failed upgrade has suspect pages/objects identity in nonunique index mixed log and data no chkpt on recovery no free space acctg not recovered offline online for standby access quiesce database read only scratch select into/bulkcopy/pllsort single user trunc log on chkpt unique auto_identity index user created temp db
DBTOTSIZ	double	Total allocated size of the database (data + log), in bytes
DBTOTUSED	double	Amount of space used in the database (data + log), in bytes
DBTOTPCNTFULL	double	% of total allocated size that is used (data + log)
DBDATASIZE	double	Total allocated size, for data, of the database, in bytes

Name	Data Type	Description
DBDATAUSED	double	Amount of space used, for data, in the database, in bytes
DBDATAPCNTFULL	double	% of total allocated size, for data, that is used
DBLOGSIZE	double	Total allocated size, for log, of the database, in bytes
DBLOGUSED	double	Amount of space used, for log, in the database, in bytes
DBLOGPCNTFULL	double	% of total allocated size, for log, that is used
DBLOGONLY	string(8)	N = Mixed data/log, Y = Not mixed data/log (log only)
DBID	long	Database ID
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Databases](#) on page 41

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[SYB_CEINST_DB_DATA_SPACE_UTIL](#) on page 68

Cluster Instance Local TempDB: Data space % full > value rule

[SYB_CEINST_DB_HOURS_SINCE_DUMP](#) on page 68

Cluster Instance Local TempDB: Hours since last dump > value rule

[SYB_CEINST_DB_LOG_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Log space % full > value rule

[SYB_CEINST_DB_TOTAL_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Data+Log space % full > value rule

[SYB_DATABASES_DATA_SPACE_UTIL](#) on page 81

Data space % full > value rule

[SYB_DATABASES_HOURS_SINCE_DUMP](#) on page 81

Hours since last dump > value rule

[SYB_DATABASES_LOG_SPACE_UTIL](#) on page 82

Log space % full > value rule

[SYB_DATABASES_TOTAL_SPACE_UTIL](#) on page 83

Data+Log space % full > value rule

MDA_DATACACHE

Data cache activity

ROWID

(INSTANCEID, CACHEID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHEID	long	Data cache ID
RELAXEDREPLACEMENT	double	Whether cache is using relaxed replacement strategy; 1 = yes, 0 = no
BUFFERPOOLS	long	Number of buffer pools defined in the data cache
INSTANCECOUNT	long	Number of instances using the data cache, if Cluster Edition
USEDPCT	double	% of total allocated space that is used
USEDBYTES	double	Amount of space used, in bytes
ALLOCATEDBYTES	double	Total allocated size, in bytes
PAGESREAD	double	Total number of pages read
BYTESREAD	double	Total bytes read
CACHESEARCHES	double	Number of cache searches
PHYSICALREADS	double	Number of physical reads
LOGICALREADS	double	Number of logical reads
PHYSICALWRITES	double	Number of physical writes
STALLS	double	Number of times that I/O operations were delayed because no clean buffers were available in the wash area
CACHEPARTITIONS	long	Number of partitions in the data cache
CACHENAME	string(32)	Data cache name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second, since collection started
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second, since collection started
PHYSICALWRITES_DELTA	double	Delta number of physical writes
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval
PHYSICALWRITES_RATE_AVG	double	Average number of physical writes per second, since collection started
PHYSICALWRITES_RATE_MAX	double	Maximum number of physical writes per second, since collection started
PHYSICALREADS_DELTA	double	Delta number of physical reads
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval

Name	Data Type	Description
MISS_PCT	double	Data cache miss %, or how often logical reads required physical reads
MISS_PCT_AVG	double	Average data cache miss %, since collection started
MISS_PCT_MAX	double	Maximum data cache miss %, since collection started
CACHESEARCHES_DELTA	double	Delta number of cache searches
STALLS_DELTA	double	Delta number of stalls
LOGICALREADS_OVERALL	double	Total number of logical reads, since collection started
PHYSICALREADS_OVERALL	double	Total number of physical reads, since collection started
PHYSICALWRITES_OVERALL	double	Total number of physical writes, since collection started
CACHESEARCHES_OVERALL	double	Total number of cache searches, since collection started
STALLS_OVERALL	double	Total number of stalls, since collection started
BYTESREAD_DELTA	double	Delta bytes read
BYTESREAD_RATE	double	Bytes read per second, in interval
USEDPCT_AVG	double	Average % of total allocated space that is used, since collection started
USEDPCT_MAX	double	Maximum % of total allocated space that is used, since collection started

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[SYB_MDA_DATACACHE_LOGREADS](#) on page 130

Datacache logical reads/sec > value rule

[SYB_MDA_DATACACHE_MISS_PCT](#) on page 131

Datacache miss percent > value rule

[SYB_MDA_DATACACHE_PHYWRITES](#) on page 131

Datacache phys writes/sec > value rule

[SYB_MDA_DATACACHE_STALLS](#) on page 132

Data cache is stalled rule

MDA_DATACACHE_SUM

Data cache summary

ROWID

(INSTANCEID, ROWID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
ROWID	long	Always has value: 1
PHYSICALREADSWRAP	long	Internal-use column to ensure physical reads delta, and related derived columns, handle counter wrap properly; created by Surveillance
PHYSICALREADS	double	Number of physical reads, mod 2147483648 (due to counter wrap in ASE)
LOGICALREADSWRAP	long	Internal-use column to ensure logical reads delta, and related derived columns, handle counter wrap properly; created by Surveillance
LOGICALREADS	double	Number of logical reads, mod 2147483648 (due to counter wrap in ASE)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	Delta number of physical reads
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second, since collection started
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second, since collection started
MISS_PCT	double	Data cache miss %, or how often logical reads required physical reads
MISS_PCT_AVG	double	Average data cache miss %, since collection started
MISS_PCT_MAX	double	Maximum data cache miss %, since collection started

Requirements**Attributes:** MDA**Minimum database version:** 12.5.0.3**Related reference**[Health](#) on page 21

Overall health of the database instance

[MDA_DATACACHE_SUM](#) on page 266

MDA_DATACACHE_SUM store

MDA_DEVICE_IO

Device I/O activity

ROWID

(INSTANCEID, LOGICALNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
READS	double	Number of reads
APFREADS	double	Number of asynchronous prefetch (APF) reads
WRITES	double	Number of writes
DEVSEMAPHOREREQUESTS	double	Number of I/O operations to mirrored device, if applicable
DEVSEMAPHOREWAITS	double	Number of waits for sync on I/O operation to mirrored device, if applicable
IOTIME	double	Duration of time, in milliseconds, waiting for I/O requests to be satisfied
LOGICALNAME	string(32)	Logical name for the device
PHYSICALNAME	string(132)	Full file path for the device
DEVICETYPE	string(24)	Type of device (Default Disk, Physical Disk, Dump Device)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
READS_DELTA	double	Delta number of reads
READS_RATE	double	Number of reads per second, in interval
READS_RATE_MAX	double	Maximum number of reads per second, since collection started
READS_RATE_AVG	double	Average number of reads per second, since collection started
APFREADS_DELTA	double	Delta number of asynchronous prefetch (APF) reads
APFREADS_RATE	double	Number of asynchronous prefetch (APF) reads per second, in interval
APFREADS_RATE_MAX	double	Maximum number of asynchronous prefetch (APF) reads per second, since collection started
APFREADS_RATE_AVG	double	Average number of asynchronous prefetch (APF) reads per second, since collection started
WRITES_DELTA	double	Delta number of writes
WRITES_RATE	double	Number of writes per second, in interval
WRITES_RATE_MAX	double	Maximum number of writes per second, since collection started
WRITES_RATE_AVG	double	Average number of writes per second, since collection started

Name	Data Type	Description
IO_DELTA	double	Delta number of I/O operations (reads + APF reads + writes)
IO_RATE	double	Number of I/O operations per second, in interval
IO_RATE_MAX	double	Maximum number of I/O operations per second, since collection started
IO_RATE_AVG	double	Average number of I/O operations per second, since collection started
DEVSEMAPHOREREQUESTS_DELTA	double	Delta number of I/O operations to mirrored device, if applicable
DEVSEMAPHOREREQUESTS_TOTAL	double	Total number of I/O operations to mirrored device, if applicable, since collection started
DEVSEMAPHOREWAITS_DELTA	double	Delta number of waits for sync on I/O operation to mirrored device, if applicable
DEVSEMAPHOREWAITS_TOTAL	double	Total number of waits for sync on I/O operation to mirrored device, if applicable, since collection started
TIMEPERIOMS	double	Duration time, in milliseconds, per I/O operation in interval ($\text{IOTIME_DELTA} / \text{IO_DELTA}$)
TIMEPERIOMS_MAX	double	Maximum duration time, in milliseconds, per I/O operation in interval
TIMEPERIOMS_AVG	double	Average duration time, in milliseconds, per I/O operation in interval
READS_OVERALL	double	Total number of reads, since collection started
APFREADS_OVERALL	double	Total number of asynchronous prefetch (APF) reads, since collection started
WRITES_OVERALL	double	Total number of writes, since collection started
IO_PCT_TOTAL_AVG	double	% of total average number of I/O operations per second, since collection started (IO_RATE_AVG), over all devices
IO_PCT_TOTAL	double	% of total number of I/O operations per second, in interval (IO_RATE), over all devices

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[Device IO](#) on page 51

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[SYB_MDA_DEVICEIO_IO_RATE](#) on page 92

IOs per sec exceeds value rule

[SYB_MDA_DEVICEIO_READ_RATE](#) on page 93

Reads per sec exceeds value rule

[SYB_MDA_DEVICEIO_TIME_PER_IO](#) on page 94

Milliseconds per IO exceeds value rule

[SYB_MDA_DEVICEIO_WRITE_RATE](#) on page 94

Writes per sec exceeds value rule

MDA_TEMPDB_TOP_VIEW

TempDB activity

ROWID

(TEMPDB)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
TEMPDB	string(32)	Name of tempdb
ASSIGNED_SPIDS	long	Number of processes assigned to the tempdb
USAGE_SPIDS	long	Number of processes currently using tempdb space
STATUS	string(12)	Database status (online, suspect, offline, quiesced, read only)
QUIESCETAG	string(32)	Quiesce tag for the database, if quiesced
SHAREDTEMPSIZE	double	Shared temp space used, in bytes
PRIVATETEMPSIZE	double	Private temp space used, in bytes
SYSLOGS	double	syslogs table space used, in bytes
WORKTABLESIZE	double	Worktable space used, in bytes
LOGICALREADS	double	Number of logical reads, since oldest data available
PHYSICALREADS	double	Number of physical reads, since oldest data available
PAGESREAD	double	Number of pages read, since oldest data available
PAGESWRITTEN	double	Number of pages written, since oldest data available
PHYSICALWRITES	double	Number of physical writes, since oldest data available
ROWSINSERTED	double	Number of rows inserted, since oldest data available
ROWSDELETED	double	Number of rows deleted, since oldest data available
ROWSUPDATED	double	Number of rows updated, since oldest data available
DROPLOGICALREADS	double	Internal-use number of logical reads on dropped objects; created by Surveillance
DROPPHYSICALREADS	double	Internal-use number of physical reads on dropped objects; created by Surveillance

Name	Data Type	Description
DROPAPFREADS	double	Internal-use number of APF reads on dropped objects; created by Surveillance
DROPPAGESREAD	double	Internal-use number of pages read on dropped objects; created by Surveillance
DROPPHYSICALWRITES	double	Internal-use number of physical writes on dropped objects; created by Surveillance
DROPPAGESWRITTEN	double	Internal-use number of pages written on dropped objects; created by Surveillance
DROPROWSINSERTED	double	Internal-use number of rows inserted on dropped objects; created by Surveillance
DROPROWSDELETED	double	Internal-use number of rows deleted on dropped objects; created by Surveillance
DROPROWSUPDATED	double	Internal-use number of rows updated on dropped objects; created by Surveillance
DROPOPERATIONS	double	Internal-use number of operations on dropped objects; created by Surveillance
DROPLOCKREQUESTS	double	Internal-use number of lock requests on dropped objects; created by Surveillance
DROPLOCKWAITS	double	Internal-use number of lock waits on dropped objects; created by Surveillance
OPERATIONS	double	Number of operations on objects, since oldest data available
LOCKREQUESTS	double	Number of lock requests, since oldest data available
LOCKWAITS	double	Number of lock waits, since oldest data available
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	Delta number of physical reads
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second per interval, since collection started
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second per interval, since collection started
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval
PHYSICALREADS_RATE_AVG	double	Average number of physical reads per second per interval, since collection started
PHYSICALREADS_RATE_MAX	double	Maximum number of physical reads per second per interval, since collection started
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval
PHYSICALWRITES_RATE_AVG	double	Average number of physical writes per second per interval, since collection started

Name	Data Type	Description
PHYSICALWRITES_RATE_MAX	double	Maximum number of physical writes per second per interval, since collection started
PAGESREAD_RATE	double	Number of pages read per second, in interval
PAGESWRITTEN_RATE	double	Number of pages written per second, in interval

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_TEMPDB_TOP_VIEW](#) on page 267

MDA_TEMPDB_TOP_VIEW store

MDA_TEMPDB_USAGE

TempDB usage by process

ROWID

(SPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
DBNAME	string(32)	Database name
ROW_COUNT	double	Number of rows in tempdb
RESERVED	double	Total tempdb space used, in bytes
LOGICALREADS	double	Number of logical reads, since oldest data available
PHYSICALREADS	double	Number of physical reads, since oldest data available
APFREADS	double	Number of APF reads, since oldest data available
PAGESREAD	double	Number of pages read, since oldest data available
PHYSICALWRITES	double	Number of physical writes, since oldest data available
PAGESWRITTEN	double	Number of pages written, since oldest data available
ROWSINSERTED	double	Number of rows inserted, since oldest data available
ROWSDELETED	double	Number of rows deleted, since oldest data available
ROWSUPDATED	double	Number of rows updated, since oldest data available
DROPLOGICALREADS	double	Internal-use number of logical reads on dropped objects; created by Surveillance

Name	Data Type	Description
DROPPHYSICALREADS	double	Internal-use number of physical reads on dropped objects; created by Surveillance
DROPAPFREADS	double	Internal-use number of APF reads on dropped objects; created by Surveillance
DROPPAGESREAD	double	Internal-use number of pages read on dropped objects; created by Surveillance
DROPPHYSICALWRITES	double	Internal-use number of physical writes on dropped objects; created by Surveillance
DROPPAGESWRITTEN	double	Internal-use number of pages written on dropped objects; created by Surveillance
DROPROWSINSERTED	double	Internal-use number of rows inserted on dropped objects; created by Surveillance
DROPROWSDELETED	double	Internal-use number of rows deleted on dropped objects; created by Surveillance
DROPROWSUPDATED	double	Internal-use number of rows updated on dropped objects; created by Surveillance
DROPOPERATIONS	double	Internal-use number of operations on dropped objects; created by Surveillance
DROPLOCKREQUESTS	double	Internal-use number of lock requests on dropped objects; created by Surveillance
DROPLOCKWAITS	double	Internal-use number of lock waits on dropped objects; created by Surveillance
OPERATIONS	double	Number of operations on objects, since oldest data available
LOCKREQUESTS	double	Number of lock requests, since oldest data available
LOCKWAITS	double	Number of lock waits, since oldest data available
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	Delta number of physical reads
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second per interval, since collection started
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second per interval, since collection started
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval
PHYSICALREADS_RATE_AVG	double	Average number of physical reads per second per interval, since collection started
PHYSICALREADS_RATE_MAX	double	Maximum number of physical reads per second per interval, since collection started
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval

Name	Data Type	Description
PHYSICALWRITES_RATE_AVG	double	Average number of physical writes per second per interval, since collection started
PHYSICALWRITES_RATE_MAX	double	Maximum number of physical writes per second per interval, since collection started
PAGESREAD_RATE	double	Number of pages read per second, in interval
PAGESWRITTEN_RATE	double	Number of pages written per second, in interval

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_TEMPDB_USAGE](#) on page 268
MDA_TEMPDB_USAGE store

SEGUSAGE

Segment space usage

ROWID

(DBNAME, SEGNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
TSYNC	long	Internal-use tsync; created by Surveillance Note: This column may be removed in a future release.
DBNAME	string(32)	Database name
SUSPECT	string(8)	Whether segment is suspect; * = suspect
SEGNAME	string(68)	Segment name
TOTALSIZEEMB	double	Total allocated size, in megabytes
TOTALPAGES	double	Total allocated size, in pages
FREEPAGES	double	Unused space, in pages
USEDPAGES	double	Amount of space used, in pages
FREEMB	double	Unused space, in megabytes
USEDMB	double	Amount of space used, in megabytes
USEDPCT	double	% space used
MERGESTATUS	long	Internal-use merge status; created by Surveillance
USEDMB_DELTA	double	Delta amount of space used, in megabytes

Name	Data Type	Description
USEDMB_DELTA_AVG	double	Average of delta amount of space used per interval, in megabytes, since collection started
TOTALSIZEB	double	Total allocated size, in bytes
FREEB	double	Unused space, in bytes
USEDDB	double	Amount of space used, in bytes
USEDDB_DELTA	double	Delta amount of space used, in bytes
USEDDB_DELTA_AVG	double	Average of delta amount of space used per interval, in bytes, since collection started

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Segment Usage](#) on page 46

Segment space usage

[SEGUSAGE](#) on page 268

SEGUSAGE store

[SYB_CEINST_LOG_SUSPENDS](#) on page 72

Cluster Instance Local TempDB: Database is in LOG SUSPEND rule

[SYB_CEINST_SEGDATA_FREE_CRITIC](#) on page 72

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_FULL_CRITIC](#) on page 73

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_INFO](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_WARN](#) on page 74

Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_MB_FREE_INFO](#) on page 75

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_MB_FREE_WARN](#) on page 76

Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FREE_CRITICAL](#) on page 76

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FULL_CRITICAL](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_INFO](#) on page 77

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_WARN](#) on page 78

Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_MB_FREE_INFO](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_MB_FREE_WARN](#) on page 79

Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGUSAGE_SUSPECTDB](#) on page 80

Cluster Instance Local TempDB: Suspect (offline) Database Identified rule

[SYB_LOG_SUSPENDS](#) on page 92

Database is in LOG SUSPEND rule

[SYB_SEGUSAGE_LOGPERCENTUSED](#) on page 97

DEPRECATED: Log Segment utilization exceeds value rule

[SYB_SEGUSAGE_NONLOGPERCENTUSED](#) on page 98

DEPRECATED: NonLog Segment utilization exceeds value rule

[SYB_SEGUSAGE_PERCENTUSED](#) on page 99

DEPRECATED: Segment utilization exceeds value rule

[SYB_SEGUSAGE_SUSPECTDB](#) on page 99

Suspect (offline) Database Identified rule

[SYB_SEG_DATA_MB_FREE_CRITICAL](#) on page 100

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_INFO](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_WARN](#) on page 101

Data segment < value (MB free) rule

[SYB_SEG_DATA_PCNT_FULL_CRITICAL](#) on page 102

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_INFO](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_WARN](#) on page 103

Data segment > value (percentage full) rule

[SYB_SEG_LOG_MB_FREE_CRITICAL](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_INFO](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_WARN](#) on page 105

Log segment < value (MB free) rule

[SYB_SEG_LOG_PCNT_FULL_CRITICAL](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_INFO](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_WARN](#) on page 107

Log segment > value (percentage full) rule

SUSPECT_OBJECTS

Suspect objects

ROWID

None

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
TYPE	string(8)	Suspect object type (Index, Page)
OBJID	string(16)	Object ID or Page ID
OBJECT	string(256)	Object name
INDEX	string(8)	Index ID
INDNAME	string(256)	Index name
REASON	string(24)	Reason to consider the object suspect
ACCESS	string(40)	Access rights

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[SUSPECT_OBJECTS](#) on page 270

SUSPECT_OBJECTS store

TRANSLOG

Transaction log activity

ROWID

(NAME)

Columns

Name	Data Type	Description
NAME	string(32)	Database name
EST_LOG_RECORDS	long	Estimate of the number of log records in the database
LOG_SIZE	double	Allocated space for the transaction log, in bytes
APPENDLOGWAITPCT	double	% of append log requests that resulted in a wait
INSTANCEID	long	Instance ID; 0 = non-CE
MERGESTATUS	long	Internal-use merge status; created by Surveillance
LOG_SIZE_DELTA	double	Delta allocated space
LOG_SIZE_AVG	double	Average allocated space, since collection started
LOG_SIZE_MAX	double	Maximum allocated space, since collection started
LOG_SIZE_RATE	double	Allocated space per second, since collection started
LOG_SIZE_RATE_AVG	double	Average of allocated space per second, since collection started
LOG_SIZE_RATE_MAX	double	Maximum of allocated space per second, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Transaction Log Usage](#) on page 49

Transaction log activity

[TRANSLOG](#) on page 271

TRANSLOG store

[SYB_TRANSLOG_APPEND_LOG_WAIT](#) on page 108

High contention with transferring transaction log pages rule

TRANSLGINFO

Transaction log extended information

ROWID

(DBNAME)

Note: Due to performance issues in an ASE function, this collection may take a long time, and thus be unusable.

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
FIRST_LOG_PAGE	long	Page # of the first log page
LAST_LOG_PAGE	long	Page # of the last log page
STP_PAGE	long	Page # of the secondary truncation point (STP)
CHECKPOINT_PAGE	long	Page # of the most recent checkpoint log record
CHECKPOINT_MARKER	double	Record ID (RID) of the most recent checkpoint log record
CHECKPOINT_DATE	time	Time of the most recent checkpoint log record
OLDEST_TRANS_PAGE	long	Page # of the oldest transaction during the most recent checkpoint
OLDEST_TRANS_MARKER	double	Record ID (RID) of the oldest transaction during the most recent checkpoint
OLDEST_TRANS_DATE	time	Time of the oldest transaction during the most recent checkpoint
UNTIL_TIME_PAGE	long	Page # for UNTIL_TIME_DATE
UNTIL_TIME_MARKER	double	RID for UNTIL_TIME_DATE
UNTIL_TIME_DATE	time	Latest time that could be in the dump that can be used by the "until time" clause of "load transaction"
TOTAL_PAGES	double	Number of pages between the first log page and the last log page

Name	Data Type	Description
STP_PAGES	double	Number of pages between the secondary truncation point (STP) and the oldest active transaction
ACTIVE_PAGES	double	Number of pages between the oldest transaction (during the most recent checkpoint) and the end of the log
INACTIVE_PAGES	double	Number of pages that will be truncated by the "dump transaction" command; number of log pages between the first log page and the first of (STP_PAGE or OLDEST_TRANS_PAGE)
OLDEST_ACTIVE_TRANS_PCT	double	% of the total log space assigned to the oldest active transaction in the log
OLDEST_ACTIVE_TRANS_SPID	long	Session process ID (SPID) having the oldest active transaction in the log
OLDEST_ACTIVE_TRANS_PAGE	long	Page # of the start of the oldest active transaction in the log; 0 = no active transaction
OLDEST_ACTIVE_TRANS_DATE	time	Time of the oldest active transaction in the log
IS_STP_BLOCKING_DUMP	string(4)	Whether the secondary truncation point (STP) is blocking a dump (Yes, No); whether the STP is before the start of the oldest active transaction
STP_SPAN_PCT	double	% of the total log space that is from the secondary truncation point (STP) to the end of the log
CAN_FREE_USING_DUMP_TRAN	double	% of the total log space that can be truncated with a "dump transaction" command (if the oldest active transaction is not aborted)
IS_DUMP_IN_PROGRESS	string(4)	Whether a "dump transaction" is currently in progress (Yes, No)
DATABASE_HAS_ACTIVE_TRANS	string(4)	Whether the database has any active transactions (Yes, No)
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: None

Minimum database version: 15.7

Related reference

[TRANSLOGINFO](#) on page 271
TRANSLOGINFO store

Other

AUDITTEXT_PIPE

Full text for audit entries

ROWID

(TABLENUM, EVENTTIME, RID)

Columns

Name	Data Type	Description
TABLENUM	long	Audit table number (1 = sysaudits_01, etc.) that contained the audit event
RID	double	Internal-use row ID; created by Surveillance
EVENTTIME	time	Time of audit event occurring
SEQNO	long	Sequence # of text fragment for the given audit event; SEQUENCE > 1 if P1 / P2 (i.e. command text) is too long for one row
CMDTXT	string(256)	Line of text from command

Requirements**Attributes:** None**Minimum database version:** 15.0.3**Related reference**[AUDITTEXT_PIPE](#) on page 272

AUDITTEXT_PIPE store

AUDIT_PIPE

Audit entries

ROWID

(TABLENUM, EVENTTIME, RID)

Columns

Name	Data Type	Description
EVENT	long	Audit event ID
EVENT_NAME	string(32)	Name of audit event
EVENTMOD	long	0 = nothing; 1 = passed permission check; 2 = failed permission check
DENIED	string(12)	Denied = Operation was denied (EVENTMOD = 2); (blank) = operation was allowed (EVENTMOD = 0 or 1)
CMDTYPE	string(8)	Type of command (DDL, DML)
SPID	long	Session process ID
EVENTTIME	time	Time of audit event occurring
SEQUENCE	long	Sequence # of text fragment for the given audit event; SEQUENCE > 1 if P1 / P2 (i.e. command text) is too long for one row

Name	Data Type	Description
SUID	long	Server user ID
LOGINNAME	string(32)	Login name for session with audited operation
LOGINTIME	time	Time of login for session with audited operation
HOSTNAME	string(44)	Client host name for session with audited operation
IPADDR	string(44)	Client IP address for session with audited operation
DBID	long	Database ID
DBNAME	string(32)	Database name
OBJID	long	ID of object involved in operation
OBJOWNER	string(32)	Owner name of object involved in operation
OBJNAME	string(32)	Name of object involved in operation
XACTID	binary(8)	Transaction ID of operation
NODEID	long	Instance ID; 0 = non-CE
TABLENUM	long	Audit table number (1 = sysaudits_01, etc.) that contained the audit event
RID	double	Internal-use row ID; created by Surveillance
P1TYPE	long	Data type of P1 column (string, long, time)
P1	string(64)	First extra information, such login IP address or command text
P2TYPE	long	Data type of P2 column (string, long, time)
P2	string(44)	Second extra information

Requirements

Attributes: None

Minimum database version: 15.0.3

Related reference

[Recent History - Compliance Auditing](#) on page 60

Auditing for compliance, based on historical data from ASE auditing

[AUDIT_PIPE](#) on page 272

AUDIT_PIPE store

CFG_RESOURCE

Configured resources

ROWID

(INSTANCEID, NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
NAME	string(64)	Configured resource name
NUM_FREE	long	Unused amount of the resource (# of descriptors, or bytes, or other units)
NUM_ACTIVE	long	Amount of the resource in active use (# of descriptors, or bytes, or other units)
NUM_TOTAL	long	Total allocated amount of the resource (# of descriptors, or bytes, or other units)
PCT_ACT	double	% of the total allocated amount of the resource that is in active use
MAX_USED	long	Maximum amount of the resource in active use (# of descriptors, or bytes, or other units)
REUSED	long	Number of times resource items had to be reused (possibly due to resource being undersized)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
NUM_ACTIVE_DELTA	double	Delta amount of the resource in active use (# of descriptors, or bytes, or other units)
NUM_ACTIVE_DELTASTART	double	Delta amount of the resource in active use (# of descriptors, or bytes, or other units), since collection started

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[Configured Resources](#) on page 50

Configured resources

[CFG_RESOURCE](#) on page 283

CFG_RESOURCE store

GLOBALSTATS

Global statistics

ROWID

(METRICNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
METRICNAME	string(32)	Metric name
METRICID	long	Metric ID; ID < 100 = displayable metric
METRICTYPE	long	Metric type: 1 Counter = sum(Value) 2 Run Level = Value 3 Ratio 4 Rate = Value / Elapsed time
VALUE	double	Metric value
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CURRENT	double	Current metric value, based on metric type
AVG	double	Average of current metric value, since collection started
MAX	double	Maximum current metric value, since collection started
VALUE_DELTA	double	Delta metric value (regardless of metric type)
TOTAL	double	Total of current metric values, since collection started, if applicable

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Global](#) on page 20
Global statistics

[GLOBALSTATS](#) on page 288
GLOBALSTATS store

[SYB_GLOB_ACTIVE_LOCKS](#) on page 116
Active Lock count exceeds value rule

[SYB_GLOB_BLOCKED](#) on page 117
Blocked Process count exceeds value rule

[SYB_GLOB_CPU_UTIL](#) on page 117
Datasever aggregate CPU utilization > value (percentage) rule

[SYB_GLOB_DISKIO](#) on page 86
Disk IO rate exceeds value rule

[SYB_GLOB_DISK_ERRORS_CURR](#) on page 87

Current Disk Errors exceeds value rule

[SYB_GLOB_DISK_ERRORS_TOT](#) on page 88

Total Disk Errors exceeds value rule

[SYB_GLOB_LOG_SUSPENDS](#) on page 88

Processes suspended for log space exceeds value rule

[SYB_GLOB_LONGBLOCKWAIT](#) on page 118

Longest Block Wait (sec) exceeds value rule

[SYB_GLOB_MEMORY_USAGE](#) on page 119

Memory usage exceeds value rule

[SYB_GLOB_PACKETIO](#) on page 119

Packet IO rate exceeds value rule

[SYB_GLOB_PACKET_ERRORS_CURR](#) on page 120

Current Packet Errors exceeds value rule

[SYB_GLOB_PACKET_ERRORS_TOT](#) on page 120

Total Packet Errors exceeds value rule

[SYB_GLOB_PROCESSES](#) on page 121

Process count exceeds value rule

[SYB_GLOB_SUSPECT_DATABASES](#) on page 89

Suspect (offline) Database Count > 0 rule

[SYB_GLOB_SUSPECT_OBJECTS](#) on page 90

Suspect Object Count > 0 rule

[SYB_GLOB_USERS](#) on page 122

User count exceeds value rule

[SYB_GLOB_USER_PROCESSES](#) on page 122

User Process count exceeds value rule

INDEXSTATSALL

Index stats for all databases

ROWID

(DBNAME, OWNERNAME, INDEXNAME)

Columns

Name	Data Type	Description
DBID	long	Database ID
DBNAME	string(32)	Database name
DBTYPE	string(8)	Type of database (TEMPDB, SYSTEM, USER)
OWNERNAME	string(32)	Name of owner of table
TABLENAME	string(64)	Table name
INDEXNAME	string(64)	Index name
OBJTYPE	string(24)	Type of object
INDEXID	long	ID of index
ROWCNT	double	Number of rows

Name	Data Type	Description
INDEXRESERVED	double	Total allocated size, in bytes
INDEXSIZE	double	Amount of space used, in bytes
INDEXUNUSED	double	Unused space, in bytes
INDEXPCTFREE	double	% space free
DPCT	double	Data Page Cluster Ratio Note: This column name is currently misspelled and may be fixed in a future release.
IPCR	double	Index Page Cluster Ratio
DRCR	double	Data Row Cluster Ratio
LGIO	double	Large IO Efficiency
SPUT	double	Space Utilization

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[INDEXSTATSALL](#) on page 291

INDEXSTATSALL store

LISTENER

Listeners

ROWID

(HOST, PORT)

Columns

Name	Data Type	Description
PROTO	string(24)	Protocol
HOST	string(40)	Host name
PORT	long	Port number
STATUS	string(20)	Status (active, stopped, suspended)
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: None

Minimum database version: 12.5.1

Related reference

[LISTENER](#) on page 292

LISTENER store

[SYB_LISTENER_MISSING](#) on page 124

Missing listener rule

[SYB_LISTENER_SUSPEND](#) on page 124

Suspended listeners rule

LOGFILE

Error log entries from local file

Comments

This is a user-defined collection (UDC). Edit LOGFILE.COL to customize which error log entries are included.

ROWID

None

Columns

Name	Data Type	Description
Timestamp	string(32)	Time when the message was parsed
Seq#	long	Sequence #, within a timestamp
AppName	string(64)	Application name, as defined in the UDC
FilePath	string(128)	Error log file path
ErrorCode	string(128)	Error code, as defined in the UDC
ErrorLevel	string(128)	Error level, as defined in the UDC
ErrorText	string(256)	Error text, as defined in the UDC

Requirements

Attributes: LOCAL

Minimum database version: 12.5.0.3

Related reference

[LOGFILE](#) on page 293

LOGFILE store

[SYB_LOGFILE_CRITICAL](#) on page 125

Critical ASE log entry found rule

[SYB_LOGFILE_ERROR](#) on page 125

Error ASE log entry found rule

[SYB_LOGFILE_HALT](#) on page 126

Shutdown ASE log entry found rule

LOGINS

Summary statistics for logins

ROWID

(SUID)

Columns

Name	Data Type	Description
SUID	long	Server user ID
NAME	string(32)	Login name
FULLNAME	string(32)	Full name
LOGIN_STATUS	string(36)	Login status: ACTIVE Password less than 6 chars. or NULL (ASE pre-15 only) LOCKED Password is expired
ACCOUNTING_CLEARED_DATE	time	Time that TOTCPU and TOTIO were last cleared
TOTCPU	long	Total CPU time, in seconds
TOTIO	long	Total physical I/Os
DEFAULT_DATABASE	string(32)	Default database
PSWD_LAST_CHNG_DATE	time	Time that the password was last changed
MERGESTATUS	long	Internal-use merge status; created by Surveillance
SUID_0	long	Internal-use duplicate column server user ID; created by Surveillance
LOGIN_COUNTS	long	Number of current processes (connections) with the login, excluding system processes
CPUTICKS	long	Total CPU ticks of current processes with the login, excluding system processes
CPUSECS	long	Total CPU time of current processes with the login, excluding system processes, in seconds
PHYSICAL_IO	long	Total physical I/Os of current processes with the login, excluding system processes
MEMUSAGE	long	Total memory usage of current processes with the login, excluding system processes, in bytes
BLKBY	long	Largest SPID # of all processes blocking current processes with the login, excluding system processes
MERGESTATUS_0	long	Internal-use duplicate column merge status; created by Surveillance
CPUPCT	double	Total CPU % Used (1 CPU) of current processes with the login, excluding system processes, in interval
CPUPCT_AVG	double	Average total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started

Name	Data Type	Description
CPUPCT_MAX	double	Maximum total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started
PHYSICAL_IO_RATE	double	Total physical I/Os per second of current processes with the login, excluding system processes, in interval

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[LOGINS](#) on page 294

LOGINS store

[SYB_LOGINS_CURR_CONNECTIONS](#) on page 126

Current connections exceeds value rule

[SYB_LOGINS_CURR_CPU_PERCENT](#) on page 127

Current CPU Percent for Login exceeds value rule

[SYB_LOGINS_CURR_MEMORY](#) on page 127

Current Memory usage for Login exceeds value rule

[SYB_LOGINS_DEFAULT_DATABASE](#) on page 128

Default database for Login like name rule

[SYB_LOGINS_UNSECURE_PASSWORD](#) on page 129

Password < 6 chars or NULL rule

LOGIN_STATS

Internal JOIN collection used by LOGINS collection; summary statistics for logins

Comments

This is an internal collection which is used to produce the LOGINS collection. Please use the LOGINS collection, instead.

ROWID

(SUID)

Columns

Name	Data Type	Description
SUID	long	Server user ID
LOGIN_COUNTS	long	Number of current processes (connections) with the login, excluding system processes
CPUTICKS	long	Total CPU ticks of current processes with the login, excluding system processes
CPUSECS	long	Total CPU time of current processes with the login, excluding system processes, in seconds

Name	Data Type	Description
PHYSICAL_IO	long	Total physical I/Os of current processes with the login, excluding system processes
MEMUSAGE	long	Total memory usage of current processes with the login, excluding system processes, in bytes
BLKBY	long	Largest SPID # of all processes blocking current processes with the login, excluding system processes
MERGESTATUS	long	Internal-use column merge status; created by Surveillance
CPUPCT	double	Total CPU % Used (1 CPU) of current processes with the login, excluding system processes, in interval
CPUPCT_AVG	double	Average total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started
CPUPCT_MAX	double	Maximum total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started
PHYSICAL_IO_RATE	double	Total physical I/Os per second of current processes with the login, excluding system processes, in interval

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[LOGIN_STATS](#) on page 294
[LOGIN_STATS](#) store

LOGSHOLD

Transactions that prevent truncation points from moving

ROWID

None

Columns

Name	Data Type	Description
DBID	long	Database ID
DBNAME	string(32)	Database name
SPID	long	Session process ID
PAGE	double	Page # of the start of the oldest transaction, or of the truncation page for Replication Server
XACTID	binary(8)	Transaction ID of the oldest active transaction; 0x0 for Replication Server

Name	Data Type	Description
MASTERXACTID	binary(8)	ID of the master transaction, if applicable; 0x0 = no master transaction, or Replication Server
STARTTIME	time	Time of the start of the transaction, or when the truncation point was set for Replication Server
NAME	string(92)	Name of the oldest active transaction; "\$user_transaction", if no name given for the transaction with "begin transaction"; "\$chained_transaction" for implicit transactions started by ANSI chained mode; "\$replication_truncation_point" for Replication Server
XLOID	long	Lock ownership ID
SECS_HELD	long	Hold time by the transaction, in seconds
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[LOGSHOLD](#) on page 295
LOGSHOLD store

[SYB_CEINST_LOG_HOLD_TIME](#) on page 71
Cluster Instance Local TempDB: Transaction with log held for time > value (seconds) rule

[SYB_CEINST_LOG_REP_TRUNC_TIME](#) on page 71
Cluster Instance Local TempDB: Replication truncation point has not moved for time > value (seconds ago) rule

[SYB_HEALTH_SYSLOGSHOLD](#) on page 90
DEPRECATED: Oldest Transaction exceeds limit rule

[SYB_LOG_HOLD_TIME](#) on page 91
Transaction with log held for time > value (seconds) rule

[SYB_LOG_REP_TRUNC_TIME](#) on page 91
Replication truncation point has not moved for time > value (seconds ago) rule

MDA_DEADLOCK_PIPE

Deadlocks

Comments

When a process must wait to acquire a lock, it is a *waiter*. The other process that already has the lock (and is causing the waiter to wait) is a *blocker* which *holds* the lock.

A deadlock occurs when two processes are mutually waiting and blocking each other. For example, process A acquires a lock on object X, and process B acquires a lock on object Y, and then process A wants a lock on object Y, and process B wants a lock on object X.

This collection contains rows for each time a deadlock is automatically resolved by ASE, such as by terminating the query of the *victim* process. This resolution may allow the other processes involved in the deadlock to continue.

There is a row for each process involved in the deadlock that was resolved, with columns populated from the perspective of the process. From the example above, process A and process B will each have rows, with different object names and different waiter / holder values, but a common victim process.

ROWID

(DEADLOCKID, HELDSPID, WAITSPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DEADLOCKID	long	Unique ID for the deadlock
VICTIMKPID	long	KPID of the deadlock victim process
RESOLVETIME	time	Time when deadlock was resolved
OBJECTDBID	long	Database ID of the object involved in the deadlock
PAGENUMBER	long	Page number involved in the deadlock
ROWNUMBER	long	Row number involved in the deadlock
HELDFAMILYID	long	SPID of parent process (in parallel query) of the process holding the lock involved in the deadlock
HELDSPID	long	SPID of the process holding the lock involved in the deadlock
HELDKPID	long	KPID of the process holding the lock involved in the deadlock
HELDPROCDBID	long	Database ID of the procedure of the process holding the lock involved in the deadlock
HELDPROCEDUREID	long	Object ID of the procedure of the process holding the lock involved in the deadlock
HELDBATCHID	long	Batch ID of the process holding the lock involved in the deadlock
HELDCONTEXTID	long	Context ID of the process holding the lock involved in the deadlock
HELDLINENUMBER	long	Line number of the process holding the lock involved in the deadlock
WAITFAMILYID	long	SPID of parent process (in parallel query) of the process waiting for the lock involved in the deadlock
WAITSPID	long	SPID of the process waiting for the lock involved in the deadlock
WAITKPID	long	KPID of the process waiting for the lock involved in the deadlock
WAITTIME	long	Duration of time, in milliseconds, that the process waited before the deadlock was resolved
PARTITIONID	long	ID of the partition involved in the deadlock
OBJECTNAME	string(32)	Name of the object involved in the deadlock
HELDUSERNAME	string(32)	User name of the process holding the lock involved in the deadlock

Name	Data Type	Description
HELDAPPLNAME	string(32)	Application name of the process holding the lock involved in the deadlock
HELDTRANNAME	string(256)	Transaction name of the process holding the lock involved in the deadlock
HELDLOCKTYPE	string(32)	Type of lock being held by the process holding the lock involved in the deadlock
HELDCOMMAND	string(32)	General command type of the process holding the lock involved in the deadlock
WAITUSERNAME	string(32)	User name of the process waiting for the lock involved in the deadlock
WAITLOCKTYPE	string(32)	Type of lock being requested by the process waiting for the lock involved in the deadlock
DBNAME	string(32)	Database name

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_DEADLOCK_PIPE](#) on page 295

MDA_DEADLOCK_PIPE store

[SYB_MDA_DEADLOCK_OCCURRED](#) on page 133

Deadlock identified rule

MDA_ENGINE

Engines

ROWID

(INSTANCEID, ENGINENUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
ENGINENUMBER	long	Engine ID
CPUTIME	long	CPU time of engine, in seconds; System CPU + User CPU + I/O CPU (process kernel) + Idle CPU
SYSTEMCPUTIME	long	System CPU time of engine, in seconds
USERCPUTIME	long	User CPU time of engine, in seconds
IOCPUTIME	long	I/O CPU time of engine, in seconds; for threaded kernel, always 0
IDLECPUTIME	long	Idle CPU time of engine, in seconds

Name	Data Type	Description
CONTEXTSWITCHES	long	Number of context switches
CONNECTIONS	long	Number of connections on the engine
PROCESSES_AFFINITIED	long	Number of processes affinitied to the engine
STATUS	string(24)	Status of the engine (online, offline, etc.)
AFFINITIED_TO_CPU	long	ID of CPU to which the engine is affinitied to
MERGE_STATUS	long	Internal-use merge status; created by Surveillance
CPU_DELTA	double	Delta CPU time of engine, in seconds
CPU_RATE	double	CPU %, in interval
CPU_RATE_OVR	double	Average CPU %, since collection started
CPU_OVERALL	double	Total CPU time of engine, in seconds, since collection started
SYSTEMCPU_DELTA	double	Delta System CPU time of engine, in seconds
SYSTEMCPU_RATE	double	System CPU %, in interval
SYSTEMCPU_RATE_OVR	double	Average System CPU %, since collection started
SYSTEMCPU_OVERALL	double	Total System CPU time of engine, in seconds, since collection started
USERCPU_DELTA	double	Delta User CPU time of engine, in seconds
USERCPU_RATE	double	User CPU %, in interval
USERCPU_RATE_OVR	double	Average User CPU %, since collection started
USERCPU_OVERALL	double	Total User CPU time of engine, in seconds, since collection started
IOCPU_DELTA	double	Delta I/O CPU time of engine, in seconds; for threaded kernel, always 0
IOCPU_RATE	double	I/O CPU %, in interval; for threaded kernel, always 0
IOCPU_RATE_OVR	double	Average CPU %; for threaded kernel, always 0
IOCPU_OVERALL	double	Total I/O CPU time of engine, in seconds, since collection started; for threaded kernel, always 0
IDLECPU_DELTA	double	Delta Idle CPU time of engine, in seconds
IDLECPU_RATE	double	Idle CPU %, in interval
IDLECPU_RATE_OVR	double	Average Idle CPU %, since collection started
IDLECPU_OVERALL	double	Total Idle CPU time of engine, in seconds, since collection started
CONTEXTSWITCHES_DELTA	double	Delta number of context switches
CONTEXTSWITCHES_RATE	double	Number of context switches per second, in interval
CONTEXTSWITCHES_RATE_OVR	double	Average number of context switches per second, since collection started

Name	Data Type	Description
CONTEXTSWITCHES_RATE_MAX	double	Maximum number of context switches per second, since collection started

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_ENGINE](#) on page 296

MDA_ENGINE store

[SYB_MDA_ENGINE_CPU_PCT](#) on page 133

Individual dataserver engine CPU utilization > value (percentage) rule

MDA_ERRORLOG_PIPE

Error log entries (from MDA)

ROWID

(SPID, KPID, ERRORNUMBER, TIME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
FAMILYID	long	Session process ID (SPID) of the parent process, if the row is a worker process (for parallel query)
ENGINENUMBER	long	Engine ID
ERRORNUMBER	long	Error message number
SEVERITY	long	Error message severity; 99 = stack trace, in ASE 15.7 or later; in ASE pre-15.7, 0 was used for stack traces
TIME	time	Time when the error occurred
ERRORMESSAGE	string(516)	Error message

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[ASE Error Log](#) on page 60

Error log entries (from MDA)

[MDA_ERRORLOG_PIPE](#) on page 296

MDA_ERRORLOG_PIPE store

MDA_HEALTH_ACTIVITY

Health activity

Comments

This collection is similar to GLOBALSTATS, and was designed to be its replacement. However, both collections can be used successfully.

ROWID

(METRICNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
METRICID	long	Metric ID; ID < 100 = displayable metric
METRICNAME	string(24)	Metric name
METRICTYPE	long	Metric type: 1 Counter = sum(Value) 2 Run Level = Value 3 Ratio 4 Rate = Value / Elapsed time
VALUE	double	Metric value
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CURRENT	double	Current metric value, based on metric type
AVG	double	Average of current metric value, since collection started
VALUE_DELTA	double	Delta metric value (regardless of metric type)
TOTAL	double	Total of current metric values, since collection started, if applicable

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[SYB_MDA_HEALTH_CPU_PCT](#) on page 134

Dataserver aggregate CPU utilization > value (percentage) rule

[SYB_MDA_HEALTH_MEM_USED](#) on page 135

Memory Used (MB) exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_DB](#) on page 95

Suspect DB count exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_OBJECTS](#) on page 96

Suspect Obj count exceeds value rule

MDA_HEALTH_INSTANCE

Health instance information

ROWID

(SORT_ORDER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SORT_ORDER	long	Number to provide a sort order to the rows
METRICNAME	string(20)	Metric name
VALUE	string(252)	Metric value

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_INSTANCE](#) on page 297

MDA_HEALTH_INSTANCE store

MDA_HEALTH_NETIO

Health network I/O

ROWID

(INSTANCEID, NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
NAME	string(8)	Literal: "NetIO"; created by Surveillance
PACKETSENT	double	Number of network packets sent
PACKETSRECEIVED	double	Number of network packets received
BYTESENT	double	Network bytes sent
BYTESRECEIVED	double	Network bytes received
TSYNC	long	Internal-use tsync; created by Surveillance Note: This column may be removed in a future release.
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PACKETSENT_RATE	double	Number of network packets sent per second, in interval
PACKETSRECEIVED_RATE	double	Number of network packets received per second, in interval
BYTESENT_RATE	double	Network bytes sent per second, in interval
BYTESRECEIVED_RATE	double	Network bytes received per second, in interval
PACKETSENT_DELTA	double	Delta number of network packets sent
PACKETSRECEIVED_DELTA	double	Delta number of network packets received
BYTESENT_DELTA	double	Network bytes sent delta
BYTESRECEIVED_DELTA	double	Network bytes received delta
PACKETSENT_OVERALL	double	Total number of network packets sent, since collection started
PACKETSRECEIVED_OVERALL	double	Total number of network packets received, since collection started
BYTESENT_OVERALL	double	Total network bytes sent, since collection started
BYTESRECEIVED_OVERALL	double	Total network bytes received, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_HEALTH_NETIO](#) on page 298
MDA_HEALTH_NETIO store

MDA_HEALTH_PROCESS

Health processes information

ROWID

(METRICNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SORT_ORDER	long	Number to provide a sort order to the rows
METRICNAME	string(16)	Metric name
VALUE	long	Metric value
MERGESTATUS	long	Internal-use merge status; created by Surveillance
MAX_VALUE	double	Maximum metric value, since collection started

Requirements**Attributes:** MDA**Minimum database version:** 12.5.0.3**Related reference**[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[SYB_MDA_HEALTH_PROCESS_BLOCKED](#) on page 135

Blocked process count > value rule

[SYB_MDA_HEALTH_PROCESS_CONN_CNT](#) on page 136

Connection count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_COUNT](#) on page 136

Process count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_SUSPENDS](#) on page 137

Suspended process count > value rule

MDA_LOCK

Locks

ROWID

(SPID, LOCKID, LOCKTYPE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
LOGIN	string(32)	Login name
BLOCKINGSPID	long	Blocker session process ID (SPID), if applicable
SPID	long	Session process ID

Name	Data Type	Description
KPID	long	Kernel process ID
DBNAME	string(32)	Database name
PARENTSPID	long	Session process ID (SPID) of the parent process, if this is a worker process
LOCKID	long	Lock ID
TABNAME	string(256)	Name of the locked object
LOCKSTATE	string(24)	Lock state (Granted, Requested)
LOCKTYPE	string(32)	Lock type: exclusive intent exclusive page exclusive row exclusive table shared intent shared next key shared page shared row shared table update row update page
LOCKLEVEL	string(32)	Lock level (ROW, PAGE, TABLE, ADDRESS)
WAITTIME	long	Duration of time waiting on the lock, in seconds
PAGE	string(20)	Page # that is locked if LockType = PAGE
ROW	string(20)	Row # that is locked if LockType = ROW
PARTITIONID	long	Partition ID
OBJECTID	long	Object ID

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Locks](#) on page 32
Locks

[MDA_LOCK](#) on page 299
MDA_LOCK store

[SYB_MDA_LOCK_ORPHAN](#) on page 138
Orphaned locks rule

MDA_LOCKTIMEOUT_PIPE

Lock timeouts

ROWID

(HELDSPID, WAITSPID, KEYID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
EXPIREDATTIME	time	Time when lock expired (timed out)
OBJECTDBID	long	Database ID of the object involved in the lock timeout
OBJECTID	long	ID of the object involved in the lock timeout
PAGENUMBER	long	Page number involved in the lock timeout
ROWNUMBER	long	Row number involved in the lock timeout
HELDFAMILYID	long	SPID of parent process (in parallel query) of the process holding the lock involved in the lock timeout
HELDSPID	long	SPID of the process holding the lock involved in the lock timeout
HELDKPID	long	KPID of the process holding the lock involved in the lock timeout
HELDPROCDBID	long	Database ID of the procedure of the process holding the lock involved in the lock timeout
HELDPROCEDUREID	long	Object ID of the procedure of the process holding the lock involved in the lock timeout
HELDBATCHID	long	Batch ID of the process holding the lock involved in the lock timeout
HELDCONTEXTID	long	Context ID of the process holding the lock involved in the lock timeout
HELDLINENUMBER	long	Line number of the process holding the lock involved in the lock timeout
HELDSTMTNUMBER	long	Statement number (unique in a batch) of the process holding the lock involved in the lock timeout
HELDNUMLOCKS	long	Number of locks held by the process holding the lock involved in the lock timeout
HELDNUMTIMEOUTSCAUSED BYTRAN	long	Number of timeouts caused by the transaction of the process holding the lock involved in the lock timeout
HELDNUMTIMEOUTSCAUSED BYLOCK	long	Number of timeouts caused by the lock of the process holding the lock involved in the lock timeout
WAITFAMILYID	long	SPID of parent process (in parallel query) of the process waiting for the lock involved in the lock timeout

Name	Data Type	Description
WAITSPID	long	SPID of the process waiting for the lock involved in the lock timeout
WAITKPID	long	KPID of the process waiting for the lock involved in the lock timeout
WAITPROCDBID	long	Database ID of the procedure of the process waiting for the lock involved in the lock timeout
WAITPROCEDUREID	long	Object ID of the procedure of the process waiting for the lock involved in the lock timeout
WAITBATCHID	long	Batch ID of the process waiting for the lock involved in the lock timeout
WAITCONTEXTID	long	Context ID of the process waiting for the lock involved in the lock timeout
WAITLINENUMBER	long	Line number of the process waiting for the lock involved in the lock timeout
WAITSTMTNUMBER	long	Statement number (unique in a batch) of the process waiting for the lock involved in the lock timeout
WAITNUMTIMEOUTSCAUSED BYTRAN	long	Number of timeouts caused by the transaction of the process waiting for the lock involved in the lock timeout
LOCKWAITPERIOD	long	Configured duration time, in seconds, for the lock timeout
LOCKTIMEOUTLEVEL	string(24)	Timeout level: DTM_SERVER SERVER SESSION COMMAND INVALID
PARTITIONID	long	ID of the partition involved in the lock timeout
OBJECTDBNAME	string(256)	Database name for the object involved in the lock timeout
OBJECTNAME	string(32)	Name of the object involved in the lock timeout
HELDUSERNAME	string(32)	User name of the process holding the lock involved in the lock timeout
HELDAPPLNAME	string(32)	Application name of the process holding the lock involved in the lock timeout
HELDHOSTNAME	string(32)	Host name of the process holding the lock involved in the lock timeout
HELDCLIENTNAME	string(32)	Client name of the process holding the lock involved in the lock timeout
HELDCLIENTAPPLNAME	string(32)	Client application name of the process holding the lock involved in the lock timeout

Name	Data Type	Description
HELDCLIENTHOSTNAME	string(32)	Client host name of the process holding the lock involved in the lock timeout
HELDTRANNAME	string(256)	Transaction name of the process holding the lock involved in the lock timeout
HELDCOMMAND	string(32)	General command type of the process holding the lock involved in the lock timeout
HELDPROCDBNAME	string(32)	Database name of the procedure of the process holding the lock involved in the lock timeout
HELDPROCEDURENAME	string(32)	Name of the procedure of the process holding the lock involved in the lock timeout
HELDLOCKTYPE	string(32)	Type of lock being held by the process holding the lock involved in the lock timeout
HELDSOURCECODEID	string(32)	Source code ID of the process holding the lock involved in the lock timeout
WAITUSERNAME	string(32)	User name of the process waiting for the lock involved in the lock timeout
WAITAPPLNAME	string(32)	Application name of the process waiting for the lock involved in the lock timeout
WAITHOSTNAME	string(32)	Host name of the process waiting for the lock involved in the lock timeout
WAITCLIENTNAME	string(32)	Client name of the process waiting for the lock involved in the lock timeout
WAITCLIENTAPPLNAME	string(32)	Client application name of the process waiting for the lock involved in the lock timeout
WAITCLIENTHOSTNAME	string(32)	Client host name of the process waiting for the lock involved in the lock timeout
WAITTRANNAME	string(256)	Transaction name of the process waiting for the lock involved in the lock timeout
WAITCOMMAND	string(32)	General command type of the process waiting for the lock involved in the lock timeout
WAITPROCDBNAME	string(32)	Database name of the procedure of the process waiting for the lock involved in the lock timeout
WAITPROCEDURENAME	string(32)	Name of the procedure of the process waiting for the lock involved in the lock timeout
WAITLOCKTYPE	string(32)	Type of lock being requested by the process waiting for the lock involved in the lock timeout
WAITSOURCECODEID	string(32)	Source code ID of the process waiting for the lock involved in the lock timeout
KEYID	string(72)	Internal-use, surrogate partial key; created by Surveillance

Requirements**Attributes:** MDA**Minimum database version:** 15.7**Related reference**[MDA_LOCKTIMEOUT_PIPE](#) on page 300

MDA_LOCKTIMEOUT_PIPE store

MDA_MONITORING_OPTIONS

Monitoring options

ROWID

(INSTANCEID, NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
NAME	string(256)	Name of the monitoring option
VALUE	long	Value of the monitoring option
DISPEN	string(8)	If the monitoring option is enabled, then: Enabled
DISPDIS	string(12)	If the monitoring option is disabled, then: Disabled
UNIT	string(24)	Description of the units of measure for the parameter
TYPE	string(12)	Type of parameter (static, dynamic, read-only)

Requirements**Attributes:** None**Minimum database version:** 12.5.0.3**Related reference**[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_OPTIONS](#) on page 300

MDA_MONITORING_OPTIONS store

MDA_MONITORING_PIPE_OPTIONS

Monitoring pipe options

ROWID

(INSTANCEID, PIPE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
PIPE	string(36)	Name of the pipe monitoring option
STATE	long	1 = Enabled, 0 = Disabled
DISPEN	string(8)	If the monitoring option is enabled, then: Enabled
DISPDIS	string(12)	If the monitoring option is disabled, then: Disabled
SIZE	long	Size for the pipe

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_PIPE_OPTIONS](#) on page 301

MDA_MONITORING_PIPE_OPTIONS store

MDA_NETWORK_IO

Network I/O activity by processes

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
NETWORKPACKETSIZE	long	Network packet size
PACKETSENT	long	Number of network packets sent
PACKETSRECEIVED	long	Number of network packets received
BYTESSENT	long	Network bytes sent
BYTESRECEIVED	long	Network bytes received
NETWORKENGINENUMBER	long	Network engine ID for the process
TSYNC	long	Internal-use tsync; created by Surveillance

Name	Data Type	Description
		Note: This column may be removed in a future release.
LOGIN	string(32)	Login name
APPLICATION	string(32)	Application name
COMMAND	string(32)	General command type
TEMPDBNAME	string(32)	TempDB name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PACKETSENT_DELTA	double	Delta number of network packets sent
PACKETSENT_RATE	double	Number of network packets sent per second, in interval
PACKETSENT_RATE_AVG	double	Average number of network packets sent per second, since collection started
PACKETSRECEIVED_DELTA	double	Delta number of network packets received
PACKETSRECEIVED_RATE	double	Number of network packets received per second, in interval
PACKETSRECEIVED_RATE_AVG	double	Average number of network packets received per second, since collection started
BYTESENT_DELTA	double	Network bytes sent delta
BYTESENT_RATE	double	Network bytes sent per second, in interval
BYTESENT_RATE_AVG	double	Average network bytes sent per second, since collection started
BYTESRECEIVED_DELTA	double	Network bytes received delta
BYTESRECEIVED_RATE	double	Network bytes received per second, in interval
BYTESRECEIVED_RATE_AVG	double	Average network bytes received per second, since collection started
BYTESTRANSFERRED_RATE_AVG	double	Total network bytes sent and received per second, in interval
PACKETSTRANSFERRED_RATE_AVG	double	Total number of network packets sent and received per second, in interval

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_NETWORK_IO](#) on page 302
MDA_NETWORK_IO store

MDA_OPENOBJ

Open object activity

ROWID

(DBID, OBJECTID, INDEXID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DB_NAME	string(32)	
OWNER_NAME	string(32)	
OBJECT_NAME	string(256)	
OBJTYPE	string(4)	
OBJECTTYPE	string(24)	
DBID	long	Database ID
OBJECTID	long	
INDEXID	long	
LOGICALREADS	long	
PHYSICALREADS	long	
APFREADS	long	
PAGESREAD	long	
PHYSICALWRITES	long	
PAGESWRITTEN	long	
OPTSELECTCOUNT	long	
USED COUNT	long	
ROWSINSERTED	long	
ROWSDELETED	long	
ROWSUPDATED	long	
OPERATIONS	long	
LOCKREQUESTS	long	
LOCKWAITS	long	
LASTOPTSELECTDATE	time	
LASTUSED DATE	time	
MERGESTATUS	long	Internal-use merge status; created by Surveillance
LOGICALREADS_DELTA	double	
LOGICALREADS_OVERALL	double	
LOGICALREADS_RATE	double	
LOGICALREADS_RATE_AVG	double	
PHYSICALREADS_DELTA	double	

Name	Data Type	Description
PHYSICALREADS_OVERALL	double	
PHYSICALREADS_RATE	double	
PHYSICALREADS_RATE_AVG	double	
PHYSICALWRITES_DELTA	double	
PHYSICALWRITES_OVERALL	double	
PHYSICALWRITES_RATE	double	
PHYSICALWRITES_RATE_AVG	double	
LOGICALIO_DELTA	double	
LOGICALIO_OVERALL	double	
LOGICALIO_RATE	double	
LOGICALIO_RATE_AVG	double	
OPERATIONS_DELTA	double	
OPERATIONS_OVERALL	double	
IO_PER_OP_DELTA	double	
IO_PER_OP_OVERALL	double	
ROWSINSERTED_DELTA	double	
ROWSINSERTED_OVERALL	double	
ROWSDELETED_DELTA	double	
ROWSDELETED_OVERALL	double	
ROWSUPDATED_DELTA	double	
ROWSUPDATED_OVERALL	double	
LOCKREQUESTS_DELTA	double	
LOCKREQUESTS_OVERALL	double	
LOCKWAITS_DELTA	double	
LOCKWAITS_OVERALL	double	
LOCKWAITPCT	double	
LOCKWAITPCT_OVERALL	double	
APFREADS_DELTA	double	
APFREADS_OVERALL	double	
PHYSICALIO_DELTA	double	
PHYSICALIO_OVERALL	double	
PHYSICALIO_RATE	double	
PHYSICALIO_RATE_AVG	double	

Requirements**Attributes:** MDA (and no CE)**Minimum database version:** 12.5.0.3**Related reference**[MDA_OPENOBJ](#) on page 302

MDA_OPENOBJ store

MDA_PROCCACHE

Summary statistics of the procedure cache

ROWID

(INSTANCEID, CACHENAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHENAME	string(16)	Literal: "Procedure Cache"; created by Surveillance
REQUESTS	double	Number of requests
LOADS	double	Number of loads
WRITES	double	Number of writes
STALLS	double	Number of stalls
MERGESTATUS	long	Internal-use merge status; created by Surveillance
REQUESTS_DELTA	double	Delta number of requests
LOADS_DELTA	double	Delta number of loads
WRITES_DELTA	double	Delta number of writes
STALLS_DELTA	double	Delta number of stalls

Requirements**Attributes:** MDA**Minimum database version:** 12.5.0.3**Related reference**[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_PROCCACHE](#) on page 303

MDA_PROCCACHE store

MDA_PROCESS

Processes

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
LCNAME	string(32)	Logical cluster name, if Cluster Edition
SPID	long	Session process ID
KPID	long	Kernel process ID
FAMILYID	long	Session process ID (SPID) of the parent process, if this is a worker process (for parallel query)
BATCHID	long	Batch ID
CONTEXTID	long	Context ID
LINENUMBER	long	Line number in the batch
SECONDSCONNECTED	long	Duration of time connected, in seconds
WAITEVENTID	long	Wait event ID
BLOCKINGSPID	long	Blocker session process ID (SPID), if applicable
ENGINENUMBER	long	Engine ID
PRIORITY	long	Priority
LOGIN	string(32)	Login name
APPLICATION	string(32)	Application name
COMMAND	string(32)	General command type
NUMCHILDREN	long	Number of child processes, if executing parallel query
SECONDSWAITING	long	Duration of time waiting, in seconds
BLOCKINGXLOID	long	Blocker lock ID, if applicable
DBNAME	string(32)	Database name
ENGINEGROUPNAME	string(32)	Engine group name
EXECUTIONCLASS	string(32)	Execution class
MASTERTRANSACTIONID	string(256)	Master transaction ID
TEMPDBNAME	string(32)	TempDB name
TEMPDBUSED	double	Current TempDB space used
CPUTIME	long	CPU time, in milliseconds
CPUSECS	double	CPU time, in seconds
WAITTIME	long	Wait time, in milliseconds
WAITSECS	double	Wait time, in seconds
PHYSICALREADS	double	Number of physical reads

Name	Data Type	Description
PHYSICALWRITES	double	Number of physical writes
LOGICALREADS	double	Number of logical reads
PHYSICAL_IO	double	Number of physical I/O operations
LOGICAL_IO	double	Number of logical I/O operations
PAGESREAD	double	Number of pages read
PAGESWRITTEN	double	Number of pages written
BYTESREAD	double	Number of bytes read
BYTESWRITTEN	double	Number of bytes written
PAGE_IO	double	Number of page I/O operations
MEMUSAGEB	double	Memory usage, in bytes
LOCKSHELD	long	Number of locks held by this process
TABLEACCESSES	long	Number of pages read without an index
INDEXACCESSES	long	Number of pages read with an index
TEMPDBOBJECTS	long	Total number of temp tables created (including dropped ones)
ULCBYTESWRITTEN	long	Number of bytes written to the user log cache (ULC) for the process
ULCFLUSHES	long	Number of times the user log cache (ULC) was flushed
ULCFLUSHFULL	long	Number of times the user log cache (ULC) was flushed because it was full
ULCMAXUSAGE	long	Maximum space usage of the user log cache (ULC), in bytes
ULCCURRENTUSAGE	long	Current space usage of the user log cache (ULC), in bytes
TRANSACTIONS	long	Number of transactions started (including finished ones)
COMMITTS	long	Number of commits
ROLLBACKS	long	Number of rollbacks
NETWORKPACKETSIZE	long	Size of each network packet, in bytes
PACKETSENT	long	Number of network packets sent
PACKETSRECEIVED	long	Number of network packets received
BYTESENT	long	Network bytes sent
BYTESRECEIVED	long	Network bytes received
TIME_BLOCKED	long	Duration of time blocked, in seconds
HOSTNAME	string(32)	Host name
CLIENTOSPID	string(32)	Client OS PID
IPADDR	string(68)	Client IP address
CMD	string(32)	Command or process being executed; if a conditional statement, such as <i>if</i> , then the value is <i>cond</i>

Name	Data Type	Description
STATUS	string(16)	Process status: alarm sleep background infected latch sleep lock sleep PLC sleep recv sleep remote i/o runnable running send sleep sleeping stopped sync sleep
CLIENTNAME	string(32)	Client name
CLIENTHOSTNAME	string(32)	Client host name
CLIENTAPPLNAME	string(32)	Client application name
WAITDESCRIPTION	string(256)	Wait event description
BLOCKEDCOUNT	long	Total number of processes currently blocked by this process
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CPUPCT	double	CPU % Used (1 CPU), in interval
CPUPCT_AVG	double	Average CPU % Used (1 CPU), since collection started
CPUPCT_MAX	double	Maximum CPU % Used (1 CPU), since collection started
CPU_DELTA	double	CPU time delta, in seconds
CPU_TOTAL	double	CPU time total, in seconds, since collection started
SESSION_CPUPCT	double	% of time connected that is CPU time (1 CPU)
WAITPCT	double	Wait % (1 CPU), in interval
WAITPCT_AVG	double	Average Wait % (1 CPU), since collection started
WAITPCT_MAX	double	Maximum Wait % (1 CPU), since collection started
WAIT_DELTA	double	Wait time delta, in seconds
WAIT_TOTAL	double	Wait time total, in seconds, since collection started
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
PHYSICALWRITES_DELTA	double	Delta number of physical writes
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval
PHYSICALREADS_DELTA	double	Delta number of physical reads
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval

Name	Data Type	Description
LOGICALIO_DELTA	double	Delta number of logical I/O operations
LOGICALIO_RATE	double	Number of logical I/O operations per second, in interval
LOGICALIO_RATE_MAX	double	Maximum number of logical I/O operations per second, since collection started
LOGICALIO_RATE_AVG	double	Average number of logical I/O operations per second, since collection started
LOGICALIO_AVG	double	Average of delta number of logical I/O operations, since collection started
LOGICALIO_MAX	double	Maximum of delta number of logical I/O operations, since collection started
PAGESREAD_DELTA	double	Delta number of pages read
PAGESREAD_RATE	double	Number of pages read per second, in interval
PAGESWRITTEN_DELTA	double	Delta number of pages written
PAGESWRITTEN_RATE	double	Number of pages written per second, in interval
TABLEACCESSES_DELTA	double	Delta number of pages read without an index
INDEXACCESSES_DELTA	double	Delta number of pages read with an index

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Processes](#) on page 27

Processes

[MDA_PROCESS](#) on page 304

MDA_PROCESS store

[SYB_MDA_PROCESS_CPU_PERCENT](#) on page 138

Individual process CPU utilization > value (percentage) rule

[SYB_MDA_PROCESS_WAITSECS](#) on page 139

Process waitsecs > value rule

MDA_SYSLOAD

Summary statistics about system load

ROWID

(INSTANCEID, ENGINENUMBER, STATISTICID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
ENGINENUMBER	long	Engine ID

Name	Data Type	Description
STATISTICID	long	Statistic ID
STATISTIC	string(32)	Statistic name
SAMPLE	double	Current value of metric, in ASE last interval
STEADYSTATE	double	Average value
AVG_1MIN	double	1-minute moving average
AVG_5MIN	double	5-minute moving average
AVG_15MIN	double	15-minute moving average
PEAK	double	Maximum value
MAX_1MIN	double	Maximum 1-minute average
MAX_5MIN	double	Maximum 5-minute average
MAX_15MIN	double	Maximum 15-minute average
PEAK_TIME	time	Time when peak value occurred
MAX_1MIN_TIME	time	Time when maximum 1-minute average occurred
MAX_5MIN_TIME	time	Time when maximum 5-minute average occurred
MAX_15MIN_TIME	time	Time when maximum 15-minute average occurred

Requirements

Attributes: MDA

Minimum database version: 15.5, or 15.0.3 Cluster Edition

Related reference

[MDA_SYSLOAD](#) on page 305

MDA_SYSLOAD store

MDA_SYSTIMEEVENTS

System timed events

ROWID

(INSTANCEID, EVENTID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
EVENTID	long	Event ID
DESCRIPTION	string(256)	Event description
EVENTCLASSID	long	Event class ID
EVENTS	double	Number of events
EVENTTIME	double	Total event time, in seconds

Name	Data Type	Description
MERGESTATUS	long	Internal-use merge status; created by Surveillance
EVENTTIME_CURRENT	double	Event time delta, in seconds
EVENTTIME_AVG	double	Average of delta event time, in seconds, since collection started
EVENTTIME_MAX	double	Maximum of delta event time, in seconds, since collection started
EVENTTIME_OVERALL	double	Total event time, in seconds, since collection started
EVENTTIME_PCT	double	% of total event time over all events, in interval
EVENTTIME_PCT_AVG	double	% of average event time per interval, since collection started
EVENTTIME_PCT_TOT	double	% of total event time, since collection started
EVENTS_CURRENT	double	Delta number of events
EVENTS_AVG	double	Average of delta number of events, since collection started
EVENTS_MAX	double	Maximum of delta number of events, since collection started
EVENTS_OVERALL	double	Total number of events, since collection started
EVENTS_PCT	double	% of total number of events over all events, in interval
EVENTS_PCT_AVG	double	% of average number of events per interval, since collection started
EVENTS_PCT_TOT	double	% of total number of events, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEDEVENTS](#) on page 306

MDA_SYSTIMEDEVENTS store

MDA_SYSTIMEDEVENTS_CLASS

System timed events by classes

ROWID

(INSTANCEID, EVENTCLASSID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
EVENTCLASSID	long	Event class ID
DESCRIPTION	string(256)	Event class description

Name	Data Type	Description
EVENTS	double	Number of events in the class
EVENTTIME	double	Total event time in the class, in seconds
MERGESTATUS	long	Internal-use merge status; created by Surveillance
EVENTS_RATEM	double	Events per minute, in interval
EVENTS_DELTA	double	Delta number of events in the class
EVENTS_OVERALL	double	Total number of events in the class, since collection started
EVENTTIME_RATEM	double	Event time per minute, in seconds, in interval
EVENTTIME_DELTA	double	Event time delta, in seconds
EVENTTIME_OVERALL	double	Total event time in the class, in seconds, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEDEVENTS_CLASS](#) on page 306

MDA_SYSTIMEDEVENTS_CLASS store

MDA_THRESHOLD_PIPE

Threshold events for configured resource limitations

ROWID

(INSTANCEID, KPID, BATCHID, LINENUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
KTID	long	Kernel thread ID
SERVERUSERID	long	Server user ID
FAMILYID	long	Session process ID (SPID) of the parent process, if the row is a worker process (for parallel query)
DBID	long	Database ID
PROCEDUREID	long	Procedure ID; 0 = not a procedure
BATCHID	long	Batch ID

Name	Data Type	Description
LINENUMBER	long	Line number of the statement
TEMPDBOBJECTS	long	Total number of temporary tables created by the process
RANGEID	long	Range ID of the resource limit
LIMITID	long	Resource limit ID
LIMITVALUE	long	Value of the violated limit
ENFORCED	long	Whether limit is enforced before or during query
REPORTDATETIME	time	Time when limit violation was reported
LOGIN	string(32)	Login name
APPLICATION	string(32)	Application name
HOSTNAME	string(32)	Host name
CLIENTNAME	string(32)	Client name
CLIENTHOSTNAME	string(32)	Client host name
CLIENTAPPLNAME	string(32)	Client application name
CLIENTIP	string(68)	Client IP address
COMMAND	string(32)	General command type
DBNAME	string(32)	Database name
BLOCKINGSPID	long	SPID of the process holding the lock, if a lock was being requested
LIMITTYPE	string(32)	Type of resource limit
ACTION	string(32)	Action to perform when resource limit is violated
SCOPE	string(32)	Scope of the resource limit
SQLTEXT	string(256)	SQL text of the threshold event
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: MDA

Minimum database version: 16.0

Related reference

[MDA_THRESHOLD_PIPE](#) on page 307

MDA_THRESHOLD_PIPE store

[SYB_MDA_THRESHOLD_EVENT](#) on page 140

Record New Threshold Events rule

OPENTRANS

Open transactions

ROWID

None

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
XACTKEY	string(32)	Transaction key
TYPE	string(12)	Transaction type (Local, External, Dtx_State, Remote)
COORDINATOR	string(12)	Coordination method (None, Syb2PC, ASTC, XA, DTC)
STARTTIME	time	Start time of transaction
ELAPSEDTIME	long	Elapsed time, in seconds
STATE	string(20)	Current state of the transaction: Begun Done Command Done Prepared In Command In Abort Cmd Committed In Post Commit In Abort Tran In Abort Savept Begun-Detached Done Cmd-Detached Done-Detached Prepared-Detached Pseudo Prepared Heur Committed Heur Rolledback
CONNECTION	string(12)	Connection state (Attached, Detached)
DBID	long	Starting database ID
DBNAME	string(32)	Starting database name
TEMPDBNAME	string(32)	Name of the tempdb assigned to the process
SPID	long	Session process ID; 0 = Detached process
LOID	long	Lock owner ID
FAILOVER	string(28)	Transaction failover state (Resident Tx, Failed-over Tx, Tx by Failover-Conn)
SRVNAME	string(32)	Remote server name, if applicable
NAMLEN	long	Length of transaction name
XACTNAME	string(256)	Transaction name, or XA transaction ID (XID)
GTRID_XA	string(512)	Binary version of the global transaction ID portion of XID

Name	Data Type	Description
BQUAL_XA	string(512)	Binary version of the branch qualifier portion of XID
KPID	long	Kernel process ID
LOGIN	string(32)	Login name of process
APPLICATION	string(32)	Application name of process
CLIENTHOST	string(32)	Client host name of process
CLIENTIP	string(68)	Client host IP address of process
CLIENTOSPID	string(32)	Client OS PID of process

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[Open Transactions](#) on page 39

Open transactions

[OPENTRANS](#) on page 309

OPENTRANS store

RESOURCE_LIMITS

Resource limits defined by a system administrator to regulate server resources

ROWID

None

Columns

Name	Data Type	Description
NAME	string(32)	Login name that is the target of the resource limit, if applicable
APPNAME	string(32)	Application name that is the target of the resource limit, if applicable
RANGENAME	string(256)	Name of the time range to use; see TIME_RANGE on page 483
RANGEID	long	ID of the time range to use; see TIME_RANGE on page 483
LIMITID	long	ID of resource to limit
LIMITVALUE	long	Value to use as the limit on the resource
ENFORCED	long	ID of the type of enforcement of the limit
ACTION	long	ID of the action to take upon violating the limit
SCOPE	long	Mask of scopes in which to apply the limit
ENFORCED_DESC	string(32)	Type of enforcement of the limit (prior to exec, during exec, before and during exec, unknown)

Name	Data Type	Description
ACTION_DESC	string(32)	Action to take upon violating the limit (issue warning, abort query batch, abort transaction, kill session, unknown)
SCOPE_DESC	string(32)	Scopes in which to apply the limit (query, query batch, transaction, query batch and transaction, unknown)
LIMIT_TYPE	string(32)	Type of resource limit, including (varies by ASE version) but not limited to: cpu_time (ASE 16.0+) elapsed_time idle_time (ASE 16.0+) io_cost lock_count (ASE 15.7+) row_count tempdb_space

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[RESOURCE_LIMITS](#) on page 313

RESOURCE_LIMITS store

SPINLOCK

Spinlock activity

ROWID

(INSTANCEID, SPINLOCKNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
GRABS	double	Total number of grabs
SPINS	double	Total number of spins
WAITS	double	Total number of waits
GRABSWRAP	long	Internal-use number of grabs on wrapped counter; created by Surveillance
SPINSWRAP	long	Internal-use number of spins on wrapped counter; created by Surveillance
WAITSWRAP	long	Internal-use number of waits on wrapped counter; created by Surveillance

Name	Data Type	Description
SPINLOCKCOUNT	long	Number of spinlocks in the array associated with the spinlock name. For example, a partitioned data cache with 16 partitions might have 16 spinlocks in the array.
CONTENTION	double	Waits / Grabs; 0, if Grabs = 0
SPINLOCKSLLOTID	long	ID of first spinlock in each array
SPINLOCKNAME	string(80)	Spinlock name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
GRABS_DELTA	double	Delta number of grabs
GRABS_RATE	double	Number of grabs per second, in interval
GRABS_OVERALL	double	Total number of grabs, since collection started
SPINS_DELTA	double	Delta number of spins
SPINS_RATE	double	Number of spins per second, in interval
SPINS_OVERALL	double	Total number of spins, since collection started
WAITS_DELTA	double	Delta number of waits
WAITS_RATE	double	Number of waits per second, in interval
WAITS_OVERALL	double	Total number of waits, since collection started
CONTENTION_PCT	double	Contention %, since ASE instance started
CONTENTION_CUR_PCT	double	Contention %, in interval
CONTENTION_OVERALL_PCT	double	Contention %, since collection started
SPINS_PER_WAIT	double	Delta number of spins / delta number of waits
SPINS_PER_WAIT_OVERALL	double	Spins / Waits, since collection started

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[Spinlock Activity](#) on page 55

Spinlock activity

[SPINLOCK](#) on page 315

SPINLOCK store

SPINLOCK_FREQ

Spinlock usage histograms (frequency graphs)

ROWID

(INSTANCEID, SPINLOCKNAME, CATEGORY)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPINLOCKNAME	string(80)	Spinlock name
CATEGORY	string(12)	Histogram category (Contention, Grabs, Spins, Waits)
A	double	Start value of bucket, as a fraction 0.0 to 1.0 (where 1.0 = max spinlock value)
B	double	End value of bucket, as a fraction 0.0 to 1.0 (where 1.0 = max spinlock value)
BUCKET	string(68)	Description of bucket range
FREQ	long	Frequency count

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[SPINLOCK_FREQ](#) on page 316
 SPINLOCK_FREQ store

SYSCONFIGURES

ASE instance settings, or parameters

ROWID

(INSTANCEID, CONFIG)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
PARAMNAME	string(244)	Parameter name
CONFIGVALUE	string(32)	Configured value for the parameter, in string format, if applicable
DEFAULT	string(32)	Default value for the parameter, in string format
MEMORYUSED	string(16)	Memory used by the parameter, in bytes
RUNVALUE	string(68)	Runtime value for the parameter, in string format
CONFIG	long	Parameter ID
VALUE	long	Runtime value for the parameter, in integer format, if applicable
ISDEFAULT	long	Whether both the configured value and the runtime value are the default value; 1 = yes, 0 = no

Name	Data Type	Description
PARENT	long	Parent parameter ID; 0 = no parent; the child is a category, not a parameter setting
PARENTNAME	string(32)	Parent parameter name
UNIT	string(24)	Description of the units of measure for the parameter
TYPE	string(12)	Type of parameter (static, dynamic, read-only)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
DELTAVALUE	double	Delta runtime value for the parameter
OLDVALUE	double	Old runtime value from previous interval

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[SYSCONFIGURES](#) on page 317
SYSCONFIGURES store

TIME_RANGE

Time ranges for resource limits

ROWID

None

Columns

Name	Data Type	Description
NAME	string(256)	Name of the time range
ID	long	ID of the time range; 1 = "at all times" range
STARTDAY	long	Start day of the week; 1 = Monday
ENDDAY	long	End day of the week; 7 = Sunday
STARTTIME	string(12)	Time of day to start
ENDTIME	string(12)	Time of day to end

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[TIME_RANGE](#) on page 317
TIME_RANGE store

TWOPHASECOMM

Two-phase commit (2PC) transactions

ROWID

None

Columns

Name	Data Type	Description
COMMID	long	ID of two-phase commit
SUID	long	Server user ID, for XA transactions; -1 = Non-XA transaction
SUSERNAME	string(32)	Server user name, for XA transactions
START	time	Start time of transaction
LASTCHANGE	time	Last time the row was updated
TOTNUM	long	Total number of servers initially involved in the transaction
OUTNUM	long	Number of servers that have not yet completed
HEUR	string(8)	Was heuristically completed (yes, no)
STATUS	string(12)	Status of two-phase commit transaction (abort, begin, commit, prepare)
XID	string(284)	XA transaction ID (XID)
APPLNAME	string(32)	Application name
XACTNAME	string(32)	Transaction name
PASSWD	string(32)	Blank
BQUAL	string(512)	Binary version of the branch qualifier portion of XID
GTRID	string(512)	Binary version of the global transaction ID portion of XID

Requirements

Attributes: None

Minimum database version: 15.0

Related reference

[TWOPHASECOMM](#) on page 318

TWOPHASECOMM store

Chapter

7

Collections

Topics:

- [AUDITTEXT_PIPE](#)
- [AUDIT_PIPE](#)
- [CFG_RESOURCE](#)
- [DEVICE_CONFIGURATION](#)
- [DEVSPACE](#)
- [FULLEST_SEG_DB](#)
- [FULLEST_SEG_TEMPDB](#)
- [GLOBALSTATS](#)
- [INDEXSTATSALL](#)
- [LISTENER](#)
- [LOGFILE](#)
- [LOGINS](#)
- [LOGIN_STATS](#)
- [LOGSHOLD](#)
- [MDA_BLOCKTREE](#)
- [MDA_CACHEDOBJECT](#)
- [MDA_CACHEDSQLTEXT](#)
- [MDA_CACHEDSTMT](#)
- [MDA_CACHEPOOL](#)
- [MDA_DATABASE](#)
- [MDA_DATACACHE](#)
- [MDA_DATACACHE_SUM](#)
- [MDA_DEADLOCK_PIPE](#)
- [MDA_DEVICE_IO](#)
- [MDA_ENGINE](#)
- [MDA_ERRORLOG_PIPE](#)
- [MDA_HEALTH_ACTIVITY](#)
- [MDA_HEALTH_INSTANCE](#)
- [MDA_HEALTH_NETIO](#)
- [MDA_HEALTH_PROCESS](#)
- [MDA_LOCK](#)
- [MDA_LOCKTIMEOUT_PIPE](#)
- [MDA_MONITORING_OPTIONS](#)
- [MDA_MONITORING_PIPE_OPTIONS](#)
- [MDA_NETWORK_IO](#)
- [MDA_OPENOBJ](#)

- MDA_PROCBATCH
- MDA_PROCCACHE
- MDA_PROCESS
- MDA_PROCSQLPLAN
- MDA_PROCSQLPLANTEXT
- MDA_PROCSQLTEXT
- MDA_PROCSTACK
- MDA_PROCSTMT
- MDA_RECENTSQLTEXT_PIPE
- MDA_RECENTSTMT_PIPE
- MDA_STMTCACHE
- MDA_SYSLOAD
- MDA_SYSPROCS
- MDA_SYSTIMEEVENTS
- MDA_SYSTIMEEVENTS_CLASS
- MDA_TEMPDB_TOP_VIEW
- MDA_TEMPDB_USAGE
- MDA_THRESHOLD_PIPE
- OPENTRANS
- RESOURCE_LIMITS
- SEGUSAGE
- SPINLOCK
- SPINLOCK_FREQ
- SUSPECT_OBJECTS
- SYSCONFIGURES
- TIME_RANGE
- TRANSLOG
- TRANSLOGINFO
- TWOPHASECOMM

AUDITTEXT_PIPE

Full text for audit entries

ROWID

(TABLENUM, EVENTTIME, RID)

Columns

Name	Data Type	Description
TABLENUM	long	Audit table number (1 = sysaudits_01, etc.) that contained the audit event
RID	double	Internal-use row ID; created by Surveillance
EVENTTIME	time	Time of audit event occurring
SEQNO	long	Sequence # of text fragment for the given audit event; SEQUENCE > 1 if P1 / P2 (i.e. command text) is too long for one row
CMDTXT	string(256)	Line of text from command

Requirements

Attributes: None

Minimum database version: 15.0.3

Related reference

[AUDITTEXT_PIPE](#) on page 272

AUDITTEXT_PIPE store

AUDIT_PIPE

Audit entries

ROWID

(TABLENUM, EVENTTIME, RID)

Columns

Name	Data Type	Description
EVENT	long	Audit event ID
EVENT_NAME	string(32)	Name of audit event
EVENTMOD	long	0 = nothing; 1 = passed permission check; 2 = failed permission check
DENIED	string(12)	Denied = Operation was denied (EVENTMOD = 2); (blank) = operation was allowed (EVENTMOD = 0 or 1)
CMDTYPE	string(8)	Type of command (DDL, DML)

Name	Data Type	Description
SPID	long	Session process ID
EVENTTIME	time	Time of audit event occurring
SEQUENCE	long	Sequence # of text fragment for the given audit event; SEQUENCE > 1 if P1 / P2 (i.e. command text) is too long for one row
SUID	long	Server user ID
LOGINNAME	string(32)	Login name for session with audited operation
LOGINTIME	time	Time of login for session with audited operation
HOSTNAME	string(44)	Client host name for session with audited operation
IPADDR	string(44)	Client IP address for session with audited operation
DBID	long	Database ID
DBNAME	string(32)	Database name
OBJID	long	ID of object involved in operation
OBJOWNER	string(32)	Owner name of object involved in operation
OBJNAME	string(32)	Name of object involved in operation
XACTID	binary(8)	Transaction ID of operation
NODEID	long	Instance ID; 0 = non-CE
TABLENUM	long	Audit table number (1 = sysaudits_01, etc.) that contained the audit event
RID	double	Internal-use row ID; created by Surveillance
P1TYPE	long	Data type of P1 column (string, long, time)
P1	string(64)	First extra information, such login IP address or command text
P2TYPE	long	Data type of P2 column (string, long, time)
P2	string(44)	Second extra information

Requirements

Attributes: None

Minimum database version: 15.0.3

Related reference

[Recent History - Compliance Auditing](#) on page 60

Auditing for compliance, based on historical data from ASE auditing

[AUDIT_PIPE](#) on page 272

AUDIT_PIPE store

CFG_RESOURCE

Configured resources

ROWID

(INSTANCEID, NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
NAME	string(64)	Configured resource name
NUM_FREE	long	Unused amount of the resource (# of descriptors, or bytes, or other units)
NUM_ACTIVE	long	Amount of the resource in active use (# of descriptors, or bytes, or other units)
NUM_TOTAL	long	Total allocated amount of the resource (# of descriptors, or bytes, or other units)
PCT_ACT	double	% of the total allocated amount of the resource that is in active use
MAX_USED	long	Maximum amount of the resource in active use (# of descriptors, or bytes, or other units)
REUSED	long	Number of times resource items had to be reused (possibly due to resource being undersized)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
NUM_ACTIVE_DELTA	double	Delta amount of the resource in active use (# of descriptors, or bytes, or other units)
NUM_ACTIVE_DELTASTART	double	Delta amount of the resource in active use (# of descriptors, or bytes, or other units), since collection started

Requirements**Attributes:** None**Minimum database version:** 12.5.0.3**Related reference**[Health](#) on page 21

Overall health of the database instance

[Configured Resources](#) on page 50

Configured resources

[CFG_RESOURCE](#) on page 283

CFG_RESOURCE store

DEVICE_CONFIGURATION

Devices configured for storage

ROWID

None

Columns

Name	Data Type	Description
DEVNAME	string(32)	Device name
PHYNAME	string(128)	Physical name (path) of the device
SIZE	string(36)	Total allocated size, in string format
USED	string(36)	Amount of space used, in string format
FREE	string(36)	Unused amount of space, in string format
STATUS	string(256)	Options and attributes of the device
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements**Attributes:** None**Minimum database version:** 12.5.0.3**Related reference**[DEVICE_CONFIGURATION](#) on page 262

DEVICE_CONFIGURATION store

DEVSPACE

Device space usage

ROWID

(INSTANCEID, DEVICE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DEVICE	string(32)	Device name
DEVTYPE	string(32)	Device type (default disk, physical disk, archive database disk, other)
SIZEMB	double	Total allocated size (at the OS level), in megabytes
ALLOCMB	double	Amount of used space (USEDMB) that is allocated to database objects, in megabytes
UNALLOCMB	double	Amount of used space (USEDMB) that is unused by database objects, in megabytes
USEDMB	double	Amount of space used, in megabytes

Name	Data Type	Description
FREEMB	double	Unused space, in megabytes
DEVSTATUS	string(256)	Options and attributes of the device
PHYNAME	string(128)	Physical name (path) of the device
PCTALLOC	double	% of used space (USEDDB) that is allocated to database objects
PCTUSED	double	% of total allocated size (at the OS level) that is used
MERGESTATUS	long	Internal-use merge status; created by Surveillance
SIZEB	double	Total allocated size (at the OS level), in bytes
ALLOCB	double	Amount of used space (USEDDB) that is allocated to database objects, in bytes
UNALLOCB	double	Amount of used space (USEDDB) that is unused by database objects, in bytes
USEDDB	double	Amount of space used, in bytes
FREEB	double	Unused space, in bytes

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Device Space](#) on page 48
Device space usage

[DEVSPACE](#) on page 262
DEVSPACE store

[SYB_CEINST_DEVSPACE_PERCENTUSED](#) on page 70
Cluster Instance Local TempDB: Device utilization exceeds value rule

[SYB_DEVSPACE_PERCENTUSED](#) on page 86
Device utilization exceeds value rule

FULLEST_SEG_DB

Fulllest (non-tempdb) database segments

ROWID

(DBNAME, SEGNAME)

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
SEGNAME	string(68)	Segment name
TOTALSIZEMB	double	Total allocated size, in megabytes

Name	Data Type	Description
USEDMB	double	Amount of space used, in megabytes
USEDPCT	double	% of total allocated size that is used
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[Health](#) on page 21
Overall health of the database instance

[FULLEST_SEG_DB](#) on page 263
FULLEST_SEG_DB store

FULLEST_SEG_TEMPDB

Fullest tempdb database segments

ROWID

(DBNAME, SEGNAME)

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
SEGNAME	string(68)	Segment name
TOTALSIZEMB	double	Total allocated size, in megabytes
USEDMB	double	Amount of space used, in megabytes
USEDPCT	double	% of total allocated size that is used
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[Health](#) on page 21
Overall health of the database instance

[FULLEST_SEG_TEMPDB](#) on page 263
FULLEST_SEG_TEMPDB store

GLOBALSTATS

Global statistics

ROWID

(METRICNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
METRICNAME	string(32)	Metric name
METRICID	long	Metric ID; ID < 100 = displayable metric
METRICTYPE	long	Metric type: 1 Counter = sum(Value) 2 Run Level = Value 3 Ratio 4 Rate = Value / Elapsed time
VALUE	double	Metric value
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CURRENT	double	Current metric value, based on metric type
AVG	double	Average of current metric value, since collection started
MAX	double	Maximum current metric value, since collection started
VALUE_DELTA	double	Delta metric value (regardless of metric type)
TOTAL	double	Total of current metric values, since collection started, if applicable

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Global](#) on page 20

Global statistics

[GLOBALSTATS](#) on page 288

GLOBALSTATS store

[SYB_GLOB_ACTIVE_LOCKS](#) on page 116

Active Lock count exceeds value rule

[SYB_GLOB_BLOCKED](#) on page 117

Blocked Process count exceeds value rule

[SYB_GLOB_CPU_UTIL](#) on page 117

Datasever aggregate CPU utilization > value (percentage) rule

[SYB_GLOB_DISKIO](#) on page 86

Disk IO rate exceeds value rule

[SYB_GLOB_DISK_ERRORS_CURR](#) on page 87

Current Disk Errors exceeds value rule

[SYB_GLOB_DISK_ERRORS_TOT](#) on page 88

Total Disk Errors exceeds value rule

[SYB_GLOB_LOG_SUSPENDS](#) on page 88

Processes suspended for log space exceeds value rule

[SYB_GLOB_LONGBLOCKWAIT](#) on page 118

Longest Block Wait (sec) exceeds value rule

[SYB_GLOB_MEMORY_USAGE](#) on page 119

Memory usage exceeds value rule

[SYB_GLOB_PACKETIO](#) on page 119

Packet IO rate exceeds value rule

[SYB_GLOB_PACKET_ERRORS_CURR](#) on page 120

Current Packet Errors exceeds value rule

[SYB_GLOB_PACKET_ERRORS_TOT](#) on page 120

Total Packet Errors exceeds value rule

[SYB_GLOB_PROCESSES](#) on page 121

Process count exceeds value rule

[SYB_GLOB_SUSPECT_DATABASES](#) on page 89

Suspect (offline) Database Count > 0 rule

[SYB_GLOB_SUSPECT_OBJECTS](#) on page 90

Suspect Object Count > 0 rule

[SYB_GLOB_USERS](#) on page 122

User count exceeds value rule

[SYB_GLOB_USER_PROCESSES](#) on page 122

User Process count exceeds value rule

INDEXSTATSALL

Index stats for all databases

ROWID

(DBNAME, OWNERNAME, INDEXNAME)

Columns

Name	Data Type	Description
DBID	long	Database ID
DBNAME	string(32)	Database name
DBTYPE	string(8)	Type of database (TEMPDB, SYSTEM, USER)

Name	Data Type	Description
OWNERNAME	string(32)	Name of owner of table
TABLENAME	string(64)	Table name
INDEXNAME	string(64)	Index name
OBJTYPE	string(24)	Type of object
INDEXID	long	ID of index
ROWCNT	double	Number of rows
INDEXRESERVED	double	Total allocated size, in bytes
INDEXSIZE	double	Amount of space used, in bytes
INDEXUNUSED	double	Unused space, in bytes
INDEXPCTFREE	double	% space free
DPCT	double	Data Page Cluster Ratio Note: This column name is currently misspelled and may be fixed in a future release.
IPCR	double	Index Page Cluster Ratio
DRCR	double	Data Row Cluster Ratio
LGIO	double	Large IO Efficiency
SPUT	double	Space Utilization

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[INDEXSTATSALL](#) on page 291
INDEXSTATSALL store

LISTENER

Listeners

ROWID

(HOST, PORT)

Columns

Name	Data Type	Description
PROTO	string(24)	Protocol
HOST	string(40)	Host name
PORT	long	Port number

Name	Data Type	Description
STATUS	string(20)	Status (active, stopped, suspended)
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: None

Minimum database version: 12.5.1

Related reference

[LISTENER](#) on page 292

LISTENER store

[SYB_LISTENER_MISSING](#) on page 124

Missing listener rule

[SYB_LISTENER_SUSPEND](#) on page 124

Suspended listeners rule

LOGFILE

Error log entries from local file

Comments

This is a user-defined collection (UDC). Edit LOGFILE.COL to customize which error log entries are included.

ROWID

None

Columns

Name	Data Type	Description
Timestamp	string(32)	Time when the message was parsed
Seq#	long	Sequence #, within a timestamp
AppName	string(64)	Application name, as defined in the UDC
FilePath	string(128)	Error log file path
ErrorCode	string(128)	Error code, as defined in the UDC
ErrorLevel	string(128)	Error level, as defined in the UDC
ErrorText	string(256)	Error text, as defined in the UDC

Requirements

Attributes: LOCAL

Minimum database version: 12.5.0.3

Related reference

[LOGFILE](#) on page 293

LOGFILE store

[SYB_LOGFILE_CRITICAL](#) on page 125

Critical ASE log entry found rule

[SYB_LOGFILE_ERROR](#) on page 125

Error ASE log entry found rule

[SYB_LOGFILE_HALT](#) on page 126

Shutdown ASE log entry found rule

LOGINS

Summary statistics for logins

ROWID

(SUID)

Columns

Name	Data Type	Description
SUID	long	Server user ID
NAME	string(32)	Login name
FULLNAME	string(32)	Full name
LOGIN_STATUS	string(36)	Login status: ACTIVE Password less than 6 chars. or NULL (ASE pre-15 only) LOCKED Password is expired
ACCOUNTING_CLEARED_DATE	time	Time that TOTCPU and TOTIO were last cleared
TOTCPU	long	Total CPU time, in seconds
TOTIO	long	Total physical I/Os
DEFAULT_DATABASE	string(32)	Default database
PSWD_LAST_CHNG_DATE	time	Time that the password was last changed
MERGESTATUS	long	Internal-use merge status; created by Surveillance
SUID_0	long	Internal-use duplicate column server user ID; created by Surveillance
LOGIN_COUNTS	long	Number of current processes (connections) with the login, excluding system processes
CPUTICKS	long	Total CPU ticks of current processes with the login, excluding system processes
CPUSECS	long	Total CPU time of current processes with the login, excluding system processes, in seconds
PHYSICAL_IO	long	Total physical I/Os of current processes with the login, excluding system processes

Name	Data Type	Description
MEMUSAGE	long	Total memory usage of current processes with the login, excluding system processes, in bytes
BLKBY	long	Largest SPID # of all processes blocking current processes with the login, excluding system processes
MERGESTATUS_0	long	Internal-use duplicate column merge status; created by Surveillance
CPUPCT	double	Total CPU % Used (1 CPU) of current processes with the login, excluding system processes, in interval
CPUPCT_AVG	double	Average total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started
CPUPCT_MAX	double	Maximum total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started
PHYSICAL_IO_RATE	double	Total physical I/Os per second of current processes with the login, excluding system processes, in interval

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[LOGINS](#) on page 294
LOGINS store

[SYB_LOGINS_CURR_CONNECTIONS](#) on page 126
Current connections exceeds value rule

[SYB_LOGINS_CURR_CPU_PERCENT](#) on page 127
Current CPU Percent for Login exceeds value rule

[SYB_LOGINS_CURR_MEMORY](#) on page 127
Current Memory usage for Login exceeds value rule

[SYB_LOGINS_DEFAULT_DATABASE](#) on page 128
Default database for Login like name rule

[SYB_LOGINS_UNSECURE_PASSWORD](#) on page 129
Password < 6 chars or NULL rule

LOGIN_STATS

Internal JOIN collection used by LOGINS collection; summary statistics for logins

Comments

This is an internal collection which is used to produce the LOGINS collection. Please use the LOGINS collection, instead.

ROWID

(SUID)

Columns

Name	Data Type	Description
SUID	long	Server user ID
LOGIN_COUNTS	long	Number of current processes (connections) with the login, excluding system processes
CPUTICKS	long	Total CPU ticks of current processes with the login, excluding system processes
CPUSECS	long	Total CPU time of current processes with the login, excluding system processes, in seconds
PHYSICAL_IO	long	Total physical I/Os of current processes with the login, excluding system processes
MEMUSAGE	long	Total memory usage of current processes with the login, excluding system processes, in bytes
BLKBY	long	Largest SPID # of all processes blocking current processes with the login, excluding system processes
MERGESTATUS	long	Internal-use column merge status; created by Surveillance
CPUPCT	double	Total CPU % Used (1 CPU) of current processes with the login, excluding system processes, in interval
CPUPCT_AVG	double	Average total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started
CPUPCT_MAX	double	Maximum total CPU % Used (1 CPU) of current processes with the login, excluding system processes, since collection started
PHYSICAL_IO_RATE	double	Total physical I/Os per second of current processes with the login, excluding system processes, in interval

Requirements**Attributes:** None**Minimum database version:** 12.5.0.3**Related reference**[LOGIN_STATS](#) on page 294

LOGIN_STATS store

LOGSHOLD

Transactions that prevent truncation points from moving

ROWID

None

Columns

Name	Data Type	Description
DBID	long	Database ID
DBNAME	string(32)	Database name
SPID	long	Session process ID
PAGE	double	Page # of the start of the oldest transaction, or of the truncation page for Replication Server
XACTID	binary(8)	Transaction ID of the oldest active transaction; 0x0 for Replication Server
MASTERXACTID	binary(8)	ID of the master transaction, if applicable; 0x0 = no master transaction, or Replication Server
STARTTIME	time	Time of the start of the transaction, or when the truncation point was set for Replication Server
NAME	string(92)	Name of the oldest active transaction; "\$user_transaction", if no name given for the transaction with "begin transaction"; "\$chained_transaction" for implicit transactions started by ANSI chained mode; "\$replication_truncation_point" for Replication Server
XLOID	long	Lock ownership ID
SECS_HELD	long	Hold time by the transaction, in seconds
INSTANCEID	long	Instance ID; 0 = non-CE

Requirements**Attributes:** None**Minimum database version:** 12.5.0.3**Related reference**[LOGSHOLD](#) on page 295

LOGSHOLD store

[SYB_CEINST_LOG_HOLD_TIME](#) on page 71

Cluster Instance Local TempDB: Transaction with log held for time > value (seconds) rule

[SYB_CEINST_LOG_REP_TRUNC_TIME](#) on page 71

Cluster Instance Local TempDB: Replication truncation point has not moved for time > value (seconds ago) rule

[SYB_HEALTH_SYSLOGSHOLD](#) on page 90

DEPRECATED: Oldest Transaction exceeds limit rule

[SYB_LOG_HOLD_TIME](#) on page 91

Transaction with log held for time > value (seconds) rule

[SYB_LOG_REP_TRUNC_TIME](#) on page 91

Replication truncation point has not moved for time > value (seconds ago) rule

MDA_BLOCKTREE

Blocked processes

Comments

When a process must wait to acquire a lock, it is a *waiter*. The other process that already has the lock (and is causing the waiter to wait) is a *blocker*.

This collection contains rows for both the blocker processes and the waiter processes in the database. If the row is a blocker process, then BLOCKERKPID = 0 and BLOCKERSPID = 0. If the row is a waiter process, then the "BLOCKERxx" columns have information about its immediate blocker.

Waiters being blocked by a blocker can themselves also block other waiters, potentially forming a *blocktree* involving many processes. Thus, a row can be a waiter and a blocker, in some cases (and can involve different locks).

Many of the columns are similar to ones in MDA_PROCESS and MDA_LOCK.

ROWID

(KPID, LOCKID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
KPID	long	Kernel process ID
SPID	long	Session process ID
LOCKID	long	Lock ID
BLOCKERINSTANCEID	long	Blocker instance ID
BLOCKERKPID	long	Blocker kernel process ID; 0 = the row is a blocker process
BLOCKERSPID	long	Blocker session process ID (SPID); 0 = the row is a blocker process
BLOCKERLOCKID	long	Blocker lock ID
TABLEDBID	long	Database ID for the locked object
TABLEDBNAME	string(32)	Database name for the locked object
TABLENAME	string(32)	Name of locked object
LOCKTYPE	string(32)	Lock type: exclusive intent exclusive page exclusive row exclusive table shared intent shared next key shared page shared row shared table

Name	Data Type	Description
		update row update page
LOCKLEVEL	string(32)	Lock level (ROW, PAGE, TABLE, ADDRESS)
PAGENUMBER	long	Page # that is locked if LockType = PAGE
ROWNUMBER	long	Row # that is locked if LockType = ROW
FAMILYID	long	Session process ID (SPID) of the parent process, if this is a worker process (for parallel query)
BATCHID	long	Batch ID
DBNAME	string(32)	Database name
PROCDBNAME	string(32)	Database name of the current procedure, if applicable
PROCNAME	string(32)	Name of the current procedure, if applicable
LINENUMBER	long	Line number in the batch
WAITEVENTID	long	Wait event ID
LOGIN	string(32)	Login name
TEMPDBNAME	string(32)	Name of tempdb assigned to this process
BLOCKERFAMILYID	long	Blocker's SPID of its parent process, if the blocker is a worker process (for parallel query)
BLOCKERBATCHID	long	Blocker batch ID
BLOCKERDBNAME	string(32)	Blocker current database name
BLOCKERPROCDBNAME	string(32)	Blocker's database name for its current procedure, if applicable
BLOCKERPROCNAME	string(32)	Blocker's name of its current procedure, if applicable
BLOCKERLINENUMBER	long	Blocker line number in its batch
BLOCKERWAITEVENTID	long	Blocker wait event ID (why the blocker is still holding the lock)
BLOCKERLOGIN	string(32)	Blocker login name
BLOCKERTEMPDBNAME	string(32)	Blocker's name of the tempdb assigned to its process
TIMEBLOCKED	long	Duration of time blocked, in seconds
BLOCKEDCOUNT	long	Number of processes being blocked, if the row is a blocker process
ROOTBLOCKERBLOCKEDCOUNT	long	Total number of processes being blocked in the entire blocktree involving this row
MAXTIMEBLOCKED	long	Maximum duration of time blocked in the entire blocktree involving this row
LCNAME	string(32)	Logical cluster name, if Cluster Edition
HOSTNAME	string(32)	Host name
CMD	string(32)	General command type

Name	Data Type	Description
APPNAME	string(32)	Application name
STATUS	string(16)	Status of the process
CLIENTOSPID	string(32)	Client OS PID
CLIENTIPADDR	string(64)	Client IP address
CLIENTNAME	string(32)	Client name
CLIENTHOSTNAME	string(32)	Client host name
CLIENTAPPLNAME	string(32)	Client application name
XACTSTARTTIME	time	Start time of the current transaction
XACTELAPSEDTIME	long	Elapsed time of the current transaction
XACTNAME	string(256)	Transaction name
GTRIDXA	string(256)	Binary version of the global transaction ID portion of XID
BQUALXA	string(256)	Binary version of the branch qualifier portion of XID
BLOCKERLCNAME	string(32)	Blocker logical cluster name, if Cluster Edition
BLOCKERHOSTNAME	string(32)	Blocker host name
BLOCKERCMD	string(32)	Blocker general command type
BLOCKERAPPNAME	string(32)	Blocker application name
BLOCKERSTATUS	string(16)	Blocker's status of its process
BLOCKERCLIENTOSPID	string(32)	Blocker client OS PID
BLOCKERCLIENTIPADDR	string(64)	Blocker client IP address
BLOCKERCLIENTNAME	string(32)	Blocker client name
BLOCKERCLIENTHOSTNAME	string(32)	Blocker client host name
BLOCKERCLIENTAPPLNAME	string(32)	Blocker client application name
BLOCKERXACTSTARTTIME	time	Blocker's start time of its current transaction
BLOCKERXACTELAPSEDTIME	long	Blocker's elapsed time of its current transaction
BLOCKERXACTNAME	string(256)	Blocker transaction name
BLOCKERGTRIDXA	string(256)	Blocker's binary version of its global transaction ID portion of XID
BLOCKERBQUALXA	string(256)	Blocker's binary version of its branch qualifier portion of XID

Requirements

Attributes: MDA

Minimum database version: 15.5

Related reference

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[MDA_BLOCKTREE](#) on page 250

MDA_BLOCKTREE store

[SYB_MDA_BLOCKTREE_BLOCKER](#) on page 64

Blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_BLOCKER_DTCH](#) on page 65

Detached blocker exceeds blocked process count and time thresholds rule

[SYB_MDA_BLOCKTREE_WAITER](#) on page 65

Waiter exceeds time thresholds waiting on process rule

[SYB_MDA_BLOCKTREE_WAITER_DTCH](#) on page 66

Waiter exceeds time thresholds waiting on detached process rule

MDA_CACHEDOBJECT

Data cache objects

ROWID

None

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHEID	long	
DBID	long	Database ID
INDEXID	long	
PARTITIONID	long	
CACHEDKB	long	
CACHENAME	string(32)	
OBJECTID	long	
DBNAME	string(32)	Database name
OWNERUSERID	long	
OWNERNAME	string(32)	
OBJECTNAME	string(32)	
PARTITIONNAME	string(32)	
OBJECTTYPE	string(32)	
TOTALSIZEKB	long	
PROCESSESACCESSING	long	
ONAME	string(256)	
INDEXNAME	string(32)	

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_CACHEDOBJECT](#) on page 264

MDA_CACHEDOBJECT store

MDA_CACHEDSQLTEXT

SQL text of cached statements

ROWID

(SSQLID, LINENUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SSQLID	long	Cached statement ID
LINENUMBER	long	Line number
SQLTEXT	string(256)	SQL text fragment

Requirements

Attributes: MDA (and no CE)

Minimum database version: 15.0.2

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSQLTEXT](#) on page 250

MDA_CACHEDSQLTEXT store

MDA_CACHEDSTMT

Cached statement statistics

ROWID

(INSTANCEID, SSQLID, HASHKEY)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE

Name	Data Type	Description
SSQLID	long	Cached statement ID
HASHKEY	long	Hash value of the statement text
USERID	long	User ID of the user which executed the statement which was cached
USERNAME	string(32)	Name of the user which executed the statement which was cached
SUSERID	long	Server user ID of the user which executed the statement which was cached
LOGIN	string(32)	Login name
DBID	long	Database ID
USECOUNT	long	Total number of times the statement was used after being cached
STATEMENTSIZ	long	Cached statement size, in bytes
MINPLANSIZEKB	long	Size of the plan when it is not in use, in kilobytes
MAXPLANSIZEKB	long	Size of the plan when it is in use, in kilobytes
CURRENTUSAGECOUNT	long	Number of active queries for the statement
MAXUSAGECOUNT	long	Maximum number of simultaneous queries for the statement
NUMRECOMPILESSCHEMACHANGES	long	Number of recompiles due to schema changes (including update statistics on a table)
NUMRECOMPILESPLANFLUSHES	long	Number of recompiles due to the plan not being found in the cache (i.e. it was flushed out)
HASAUTOPARAMS	string(8)	Whether the statement has any parameterized literals (Yes, No)
PARALLELDEGREE	long	Degree of parallelism
QUOTEDIDENTIFIER	long	Whether set quoted_identifier was set; 1 = yes, 0 = no
TRANSACTIONISOLATIONLEVEL	long	Transaction isolation level
TRANSACTIONMODE	long	Whether "chained transaction mode" was set; 1 = yes, 0 = no
SAAUTHORIZATION	long	Whether the user had sa_role authorization; 1 = yes, 0 = no
SYSTEMCATALOGUPDATE	long	Whether "allow catalog updates" was set; 1 = yes, 0 = no
METRICSCOUNT	long	Number of times metrics were aggregated
MINPIO	long	Minimum physical I/Os per statement execution
MAXPIO	long	Maximum physical I/Os per statement execution
AVGPIO	long	Average physical I/Os per statement execution
MINLIO	long	Minimum logical I/Os per statement execution

Name	Data Type	Description
MAXLIO	long	Maximum logical I/Os per statement execution
AVGLIO	long	Average logical I/Os per statement execution
MINCPUTIME	long	Minimum CPU time per statement execution
MAXCPUTIME	long	Maximum CPU time per statement execution
AVGCPUTIME	long	Average CPU time per statement execution
MINELAPSEDTIME	long	Minimum elapsed time per statement execution
MAXELAPSEDTIME	long	Maximum elapsed time per statement execution
AVGELAPSEDTIME	long	Average elapsed time per statement execution
DBNAME	string(32)	Database name
CACHEDDATE	time	Time when the statement was cached
LASTUSEDDATE	time	Time when the statement was last used
LASTRECOMPILEDDATE	time	Time when the statement was last recompiled
SQLTEXT	string(256)	SQL text preview
MERGESTATUS	long	Internal-use merge status; created by Surveillance
MINPLANSIZEB	double	Size of the plan when it is not in use, in bytes
MAXPLANSIZEB	double	Size of the plan when it is in use, in bytes

Requirements

Attributes: MDA

Minimum database version: 15.0.2

Related reference

[Cached Stmt Statistics](#) on page 56

Cached statement statistics

[MDA_CACHEDSTMT](#) on page 251

MDA_CACHEDSTMT store

MDA_CACHEPOOL

Data cache buffer pools

ROWID

(INSTANCEID, CACHEID, IOBUFFERSIZE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHEID	long	

Name	Data Type	Description
IOBUFFERSIZE	long	
INSTANCECOUNT	long	
USEDPCT	double	
USEDBYTES	double	
ALLOCATEDKKB	double	
PHYSICALREADS	double	
STALLS	double	
PAGESTOUCED	double	
PAGESREAD	double	
BYTESREAD	double	
BUFFERSTOMRU	double	
BYTESTOMRU	double	
BUFFERSTOLRU	double	
BYTESTOLRU	double	
CACHENAME	string(32)	
TSYNC	long	
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	
PHYSICALREADS_RATE	double	
STALLS_DELTA	double	
STALLS_OVERALL	double	
PAGESTOUCED_DELTA	double	
PAGESREAD_DELTA	double	
PAGESREAD_RATE	double	
BUFFERSTOMRU_DELTA	double	
BUFFERSTOMRU_RATE	double	
BUFFERSTOLRU_DELTA	double	
BUFFERSTOLRU_RATE	double	
ALLOCATEDBYTES	double	
BYTESREAD_DELTA	double	
BYTESREAD_RATE	double	
BYTESTOMRU_DELTA	double	
BYTESTOMRU_RATE	double	
BYTESTOLRU_DELTA	double	

Name	Data Type	Description
BYTESTOLRU_RATE	double	
USEDPCT_AVG	double	
USEDPCT_MAX	double	

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_CACHEPOOL](#) on page 264

MDA_CACHEPOOL store

[SYB_MDA_CACHEPOOL_STALLS](#) on page 129

Buffer pool of a data cache is stalled rule

MDA_DATABASE

Databases

ROWID

(DB_NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DB_NAME	string(32)	Database name
RECOVERID	long	Recovery order #; set by sp_dbrecovery_order()
ISTEMPDB	string(4)	D = Default tempdb (DBID = 2), U = User-defined tempdb, (blank) = Non-tempdb
DB_TRAN_DUMPED	time	Internal last transaction log dump time; includes frequent system-initiated transaction log dumps
HOURS_SINCE_DUMP	long	Number of hours since internal last transaction log dump time (DB_TRAN_DUMPED)
BACKUPSTARTTIME	time	Time that the last full database backup started
HOURS_SINCE_BACKUP	long	Number of hours since the last full database backup started (BACKUPSTARTTIME)
LASTCHECKPOINTTIME	time	Time of the last checkpoint on the database
HOURS_SINCE_CHECKPOINT	long	Number of hours since the last checkpoint on the database (LASTCHECKPOINTTIME)

Name	Data Type	Description
BACKUPINPROGRESS	long	Whether a backup is currently in progress for the database
LASTBACKUPFAILED	long	Whether the last backup failed for the database
TRANSACTIONLOGFULL	long	Whether the transaction log is full for the database
SUSPENDEDPROCESSES	long	Number of processes currently suspended because the transaction log is full for the database
APPENDLOGREQUEST	double	Number of append log requests
APPENDLOGWAITS	double	Number of waits during append log requests
LASTTRANLOGDUMPTIME	time	Time of last transaction log dump initiated by user
QUIESCETAG	string(32)	Tag used in the <i>quiesce database</i> command, if the database is quiesced
SHRINKSTATUS	string(8)	Yes = Database shrink in progress; No = No shrink in progress; unknown = Unknown shrink status
ENCRYPTIONSTATUS	string(20)	Encryption status: normal encrypted being encrypted partially encrypted being decrypted partially decrypted unknown
TRANDUMPABLESTATUS	long	0 = Normal transaction log dump is allowed; >0 = Not dumpable due to some issue (see ASE docs for further interpretation); -1 = Unavailable dumpable status
DB_OWNER	string(32)	Database owner name
DB_CREATED	time	Time of database creation
DB_OPTIONS	string(124)	Database options; no options set = No database options set; otherwise, one or more options, including (but not limited to): abort tran on log full allow nulls by default archive async log service auto identity compressed data compressed log dbo use only ddl in tran delayed commit don't recover erase residual data failed upgrade has suspect pages/objects

Name	Data Type	Description
		identity in nonunique index mixed log and data no chkpt on recovery no free space acctg not recovered offline online for standby access quiesce database read only scratch select into/bulkcopy/pllsort single user trunc log on chkpt unique auto_identity index user created temp db
DBTOTSIZ	double	Total allocated size of the database (data + log), in bytes
DBTOTUSED	double	Amount of space used in the database (data + log), in bytes
DBTOTPCNTFULL	double	% of total allocated size that is used (data + log)
DBDATASIZ	double	Total allocated size, for data, of the database, in bytes
DBDATAUSED	double	Amount of space used, for data, in the database, in bytes
DBDATAPCNTFULL	double	% of total allocated size, for data, that is used
DBLOGSIZ	double	Total allocated size, for log, of the database, in bytes
DBLOGUSED	double	Amount of space used, for log, in the database, in bytes
DBLOGPCNTFULL	double	% of total allocated size, for log, that is used
DBLOGONLY	string(8)	N = Mixed data/log, Y = Not mixed data/log (log only)
DBID	long	Database ID
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Databases](#) on page 41

Databases

[MDA_DATABASE](#) on page 265

MDA_DATABASE store

[SYB_CEINST_DB_DATA_SPACE_UTIL](#) on page 68

Cluster Instance Local TempDB: Data space % full > value rule

[SYB_CEINST_DB_HOURS_SINCE_DUMP](#) on page 68

Cluster Instance Local TempDB: Hours since last dump > value rule

[SYB_CEINST_DB_LOG_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Log space % full > value rule

[SYB_CEINST_DB_TOTAL_SPACE_UTIL](#) on page 69

Cluster Instance Local TempDB: Data+Log space % full > value rule

[SYB_DATABASES_DATA_SPACE_UTIL](#) on page 81

Data space % full > value rule

[SYB_DATABASES_HOURS_SINCE_DUMP](#) on page 81

Hours since last dump > value rule

[SYB_DATABASES_LOG_SPACE_UTIL](#) on page 82

Log space % full > value rule

[SYB_DATABASES_TOTAL_SPACE_UTIL](#) on page 83

Data+Log space % full > value rule

MDA_DATACACHE

Data cache activity

ROWID

(INSTANCEID, CACHEID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHEID	long	Data cache ID
RELAXEDREPLACEMENT	double	Whether cache is using relaxed replacement strategy; 1 = yes, 0 = no
BUFFERPOOLS	long	Number of buffer pools defined in the data cache
INSTANCECOUNT	long	Number of instances using the data cache, if Cluster Edition
USEDPCT	double	% of total allocated space that is used
USEDBYTES	double	Amount of space used, in bytes
ALLOCATEDBYTES	double	Total allocated size, in bytes
PAGESREAD	double	Total number of pages read
BYTESREAD	double	Total bytes read
CACHESEARCHES	double	Number of cache searches
PHYSICALREADS	double	Number of physical reads
LOGICALREADS	double	Number of logical reads
PHYSICALWRITES	double	Number of physical writes
STALLS	double	Number of times that I/O operations were delayed because no clean buffers were available in the wash area
CACHEPARTITIONS	long	Number of partitions in the data cache

Name	Data Type	Description
CACHENAME	string(32)	Data cache name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second, since collection started
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second, since collection started
PHYSICALWRITES_DELTA	double	Delta number of physical writes
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval
PHYSICALWRITES_RATE_AVG	double	Average number of physical writes per second, since collection started
PHYSICALWRITES_RATE_MAX	double	Maximum number of physical writes per second, since collection started
PHYSICALREADS_DELTA	double	Delta number of physical reads
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval
MISS_PCT	double	Data cache miss %, or how often logical reads required physical reads
MISS_PCT_AVG	double	Average data cache miss %, since collection started
MISS_PCT_MAX	double	Maximum data cache miss %, since collection started
CACHESEARCHES_DELTA	double	Delta number of cache searches
STALLS_DELTA	double	Delta number of stalls
LOGICALREADS_OVERALL	double	Total number of logical reads, since collection started
PHYSICALREADS_OVERALL	double	Total number of physical reads, since collection started
PHYSICALWRITES_OVERALL	double	Total number of physical writes, since collection started
CACHESEARCHES_OVERALL	double	Total number of cache searches, since collection started
STALLS_OVERALL	double	Total number of stalls, since collection started
BYTESREAD_DELTA	double	Delta bytes read
BYTESREAD_RATE	double	Bytes read per second, in interval
USEDPCT_AVG	double	Average % of total allocated space that is used, since collection started
USEDPCT_MAX	double	Maximum % of total allocated space that is used, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_DATACACHE](#) on page 266

MDA_DATACACHE store

[SYB_MDA_DATACACHE_LOGREADS](#) on page 130

Datacache logical reads/sec > value rule

[SYB_MDA_DATACACHE_MISS_PCT](#) on page 131

Datacache miss percent > value rule

[SYB_MDA_DATACACHE_PHYWRITES](#) on page 131

Datacache phys writes/sec > value rule

[SYB_MDA_DATACACHE_STALLS](#) on page 132

Data cache is stalled rule

MDA_DATACACHE_SUM

Data cache summary

ROWID

(INSTANCEID, ROWID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
ROWID	long	Always has value: 1
PHYSICALREADSWRAP	long	Internal-use column to ensure physical reads delta, and related derived columns, handle counter wrap properly; created by Surveillance
PHYSICALREADS	double	Number of physical reads, mod 2147483648 (due to counter wrap in ASE)
LOGICALREADSWRAP	long	Internal-use column to ensure logical reads delta, and related derived columns, handle counter wrap properly; created by Surveillance
LOGICALREADS	double	Number of logical reads, mod 2147483648 (due to counter wrap in ASE)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	Delta number of physical reads
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second, since collection started

Name	Data Type	Description
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second, since collection started
MISS_PCT	double	Data cache miss %, or how often logical reads required physical reads
MISS_PCT_AVG	double	Average data cache miss %, since collection started
MISS_PCT_MAX	double	Maximum data cache miss %, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_DATACACHE_SUM](#) on page 266

MDA_DATACACHE_SUM store

MDA_DEADLOCK_PIPE

Deadlocks

Comments

When a process must wait to acquire a lock, it is a *waiter*. The other process that already has the lock (and is causing the waiter to wait) is a *blocker* which *holds* the lock.

A deadlock occurs when two processes are mutually waiting and blocking each other. For example, process A acquires a lock on object X, and process B acquires a lock on object Y, and then process A wants a lock on object Y, and process B wants a lock on object X.

This collection contains rows for each time a deadlock is automatically resolved by ASE, such as by terminating the query of the *victim* process. This resolution may allow the other processes involved in the deadlock to continue.

There is a row for each process involved in the deadlock that was resolved, with columns populated from the perspective of the process. From the example above, process A and process B will each have rows, with different object names and different waiter / holder values, but a common victim process.

ROWID

(DEADLOCKID, HELDSPID, WAITSPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DEADLOCKID	long	Unique ID for the deadlock
VICTIMKPID	long	KPID of the deadlock victim process
RESOLVETIME	time	Time when deadlock was resolved

Name	Data Type	Description
OBJECTDBID	long	Database ID of the object involved in the deadlock
PAGENUMBER	long	Page number involved in the deadlock
ROWNUMBER	long	Row number involved in the deadlock
HELDFAMILYID	long	SPID of parent process (in parallel query) of the process holding the lock involved in the deadlock
HELDSPID	long	SPID of the process holding the lock involved in the deadlock
HELDKPID	long	KPID of the process holding the lock involved in the deadlock
HELDPROCDBID	long	Database ID of the procedure of the process holding the lock involved in the deadlock
HELDPROCEDUREID	long	Object ID of the procedure of the process holding the lock involved in the deadlock
HELDBATCHID	long	Batch ID of the process holding the lock involved in the deadlock
HELDCONTEXTID	long	Context ID of the process holding the lock involved in the deadlock
HELDLINENUMBER	long	Line number of the process holding the lock involved in the deadlock
WAITFAMILYID	long	SPID of parent process (in parallel query) of the process waiting for the lock involved in the deadlock
WAITSPID	long	SPID of the process waiting for the lock involved in the deadlock
WAITKPID	long	KPID of the process waiting for the lock involved in the deadlock
WAITTIME	long	Duration of time, in milliseconds, that the process waited before the deadlock was resolved
PARTITIONID	long	ID of the partition involved in the deadlock
OBJECTNAME	string(32)	Name of the object involved in the deadlock
HELDUSERNAME	string(32)	User name of the process holding the lock involved in the deadlock
HELDAPPLNAME	string(32)	Application name of the process holding the lock involved in the deadlock
HELDTRANNAME	string(256)	Transaction name of the process holding the lock involved in the deadlock
HELDLOCKTYPE	string(32)	Type of lock being held by the process holding the lock involved in the deadlock
HELDCOMMAND	string(32)	General command type of the process holding the lock involved in the deadlock
WAITUSERNAME	string(32)	User name of the process waiting for the lock involved in the deadlock
WAITLOCKTYPE	string(32)	Type of lock being requested by the process waiting for the lock involved in the deadlock
DBNAME	string(32)	Database name

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_DEADLOCK_PIPE](#) on page 295

MDA_DEADLOCK_PIPE store

[SYB_MDA_DEADLOCK_OCCURRED](#) on page 133

Deadlock identified rule

MDA_DEVICE_IO

Device I/O activity

ROWID

(INSTANCEID, LOGICALNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
READS	double	Number of reads
APFREADS	double	Number of asynchronous prefetch (APF) reads
WRITES	double	Number of writes
DEVSEMAPHOREREQUESTS	double	Number of I/O operations to mirrored device, if applicable
DEVSEMAPHOREWAITS	double	Number of waits for sync on I/O operation to mirrored device, if applicable
IOTIME	double	Duration of time, in milliseconds, waiting for I/O requests to be satisfied
LOGICALNAME	string(32)	Logical name for the device
PHYSICALNAME	string(132)	Full file path for the device
DEVICETYPE	string(24)	Type of device (Default Disk, Physical Disk, Dump Device)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
READS_DELTA	double	Delta number of reads
READS_RATE	double	Number of reads per second, in interval
READS_RATE_MAX	double	Maximum number of reads per second, since collection started
READS_RATE_AVG	double	Average number of reads per second, since collection started
APFREADS_DELTA	double	Delta number of asynchronous prefetch (APF) reads

Name	Data Type	Description
APFREADS_RATE	double	Number of asynchronous prefetch (APF) reads per second, in interval
APFREADS_RATE_MAX	double	Maximum number of asynchronous prefetch (APF) reads per second, since collection started
APFREADS_RATE_AVG	double	Average number of asynchronous prefetch (APF) reads per second, since collection started
WRITES_DELTA	double	Delta number of writes
WRITES_RATE	double	Number of writes per second, in interval
WRITES_RATE_MAX	double	Maximum number of writes per second, since collection started
WRITES_RATE_AVG	double	Average number of writes per second, since collection started
IO_DELTA	double	Delta number of I/O operations (reads + APF reads + writes)
IO_RATE	double	Number of I/O operations per second, in interval
IO_RATE_MAX	double	Maximum number of I/O operations per second, since collection started
IO_RATE_AVG	double	Average number of I/O operations per second, since collection started
DEVSEMAPHOREREQUESTS_DELTA	double	Delta number of I/O operations to mirrored device, if applicable
DEVSEMAPHOREREQUESTS_TOTAL	double	Total number of I/O operations to mirrored device, if applicable, since collection started
DEVSEMAPHOREWAITS_DELTA	double	Delta number of waits for sync on I/O operation to mirrored device, if applicable
DEVSEMAPHOREWAITS_TOTAL	double	Total number of waits for sync on I/O operation to mirrored device, if applicable, since collection started
TIMEPERIOMS	double	Duration time, in milliseconds, per I/O operation in interval (IO_TIME_DELTA / IO_DELTA)
TIMEPERIOMS_MAX	double	Maximum duration time, in milliseconds, per I/O operation in interval
TIMEPERIOMS_AVG	double	Average duration time, in milliseconds, per I/O operation in interval
READS_OVERALL	double	Total number of reads, since collection started
APFREADS_OVERALL	double	Total number of asynchronous prefetch (APF) reads, since collection started
WRITES_OVERALL	double	Total number of writes, since collection started
IO_PCT_TOTAL_AVG	double	% of total average number of I/O operations per second, since collection started (IO_RATE_AVG), over all devices

Name	Data Type	Description
IO_PCT_TOTAL	double	% of total number of I/O operations per second, in interval (IO_RATE), over all devices

Requirements

Attributes:	MDA
Minimum database version:	12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[Device IO](#) on page 51

Device I/O activity

[MDA_DEVICE_IO](#) on page 267

MDA_DEVICE_IO store

[SYB_MDA_DEVICEIO_IO_RATE](#) on page 92

IOs per sec exceeds value rule

[SYB_MDA_DEVICEIO_READ_RATE](#) on page 93

Reads per sec exceeds value rule

[SYB_MDA_DEVICEIO_TIME_PER_IO](#) on page 94

Milliseconds per IO exceeds value rule

[SYB_MDA_DEVICEIO_WRITE_RATE](#) on page 94

Writes per sec exceeds value rule

MDA_ENGINE

Engines

ROWID

(INSTANCEID, ENGINENUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
ENGINENUMBER	long	Engine ID
CPUTIME	long	CPU time of engine, in seconds; System CPU + User CPU + I/O CPU (process kernel) + Idle CPU
SYSTEMCPUTIME	long	System CPU time of engine, in seconds
USERCPUTIME	long	User CPU time of engine, in seconds
IOCPUTIME	long	I/O CPU time of engine, in seconds; for threaded kernel, always 0
IDLECPUTIME	long	Idle CPU time of engine, in seconds
CONTEXTSWITCHES	long	Number of context switches

Name	Data Type	Description
CONNECTIONS	long	Number of connections on the engine
PROCESSESAFFINITIED	long	Number of processes affinitied to the engine
STATUS	string(24)	Status of the engine (online, offline, etc.)
AFFINITIEDTOCPU	long	ID of CPU to which the engine is affinitied to
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CPU_DELTA	double	Delta CPU time of engine, in seconds
CPU_RATE	double	CPU %, in interval
CPU_RATE_OVR	double	Average CPU %, since collection started
CPU_OVERALL	double	Total CPU time of engine, in seconds, since collection started
SYSTEMCPU_DELTA	double	Delta System CPU time of engine, in seconds
SYSTEMCPU_RATE	double	System CPU %, in interval
SYSTEMCPU_RATE_OVR	double	Average System CPU %, since collection started
SYSTEMCPU_OVERALL	double	Total System CPU time of engine, in seconds, since collection started
USERCPU_DELTA	double	Delta User CPU time of engine, in seconds
USERCPU_RATE	double	User CPU %, in interval
USERCPU_RATE_OVR	double	Average User CPU %, since collection started
USERCPU_OVERALL	double	Total User CPU time of engine, in seconds, since collection started
IOCPU_DELTA	double	Delta I/O CPU time of engine, in seconds; for threaded kernel, always 0
IOCPU_RATE	double	I/O CPU %, in interval; for threaded kernel, always 0
IOCPU_RATE_OVR	double	Average CPU %; for threaded kernel, always 0
IOCPU_OVERALL	double	Total I/O CPU time of engine, in seconds, since collection started; for threaded kernel, always 0
IDLECPU_DELTA	double	Delta Idle CPU time of engine, in seconds
IDLECPU_RATE	double	Idle CPU %, in interval
IDLECPU_RATE_OVR	double	Average Idle CPU %, since collection started
IDLECPU_OVERALL	double	Total Idle CPU time of engine, in seconds, since collection started
CONTEXTSWITCHES_DELTA	double	Delta number of context switches
CONTEXTSWITCHES_RATE	double	Number of context switches per second, in interval
CONTEXTSWITCHES_RATE_OVR	double	Average number of context switches per second, since collection started
CONTEXTSWITCHES_RATE_MAX	double	Maximum number of context switches per second, since collection started

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_ENGINE](#) on page 296

MDA_ENGINE store

[SYB_MDA_ENGINE_CPU_PCT](#) on page 133

Individual dataserver engine CPU utilization > value (percentage) rule

MDA_ERRORLOG_PIPE

Error log entries (from MDA)

ROWID

(SPID, KPID, ERRORNUMBER, TIME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
FAMILYID	long	Session process ID (SPID) of the parent process, if the row is a worker process (for parallel query)
ENGINENUMBER	long	Engine ID
ERRORNUMBER	long	Error message number
SEVERITY	long	Error message severity; 99 = stack trace, in ASE 15.7 or later; in ASE pre-15.7, 0 was used for stack traces
TIME	time	Time when the error occurred
ERRORMESSAGE	string(516)	Error message

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[ASE Error Log](#) on page 60

Error log entries (from MDA)

[MDA_ERRORLOG_PIPE](#) on page 296

MDA_ERRORLOG_PIPE store

MDA_HEALTH_ACTIVITY

Health activity

Comments

This collection is similar to GLOBALSTATS, and was designed to be its replacement. However, both collections can be used successfully.

ROWID

(METRICNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
METRICID	long	Metric ID; ID < 100 = displayable metric
METRICNAME	string(24)	Metric name
METRICTYPE	long	Metric type: 1 Counter = sum(Value) 2 Run Level = Value 3 Ratio 4 Rate = Value / Elapsed time
VALUE	double	Metric value
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CURRENT	double	Current metric value, based on metric type
AVG	double	Average of current metric value, since collection started
VALUE_DELTA	double	Delta metric value (regardless of metric type)
TOTAL	double	Total of current metric values, since collection started, if applicable

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_ACTIVITY](#) on page 297

MDA_HEALTH_ACTIVITY store

[SYB_MDA_HEALTH_CPU_PCT](#) on page 134

Datasever aggregate CPU utilization > value (percentage) rule

[SYB_MDA_HEALTH_MEM_USED](#) on page 135

Memory Used (MB) exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_DB](#) on page 95

Suspect DB count exceeds value rule

[SYB_MDA_HEALTH_SUSPECT_OBJECTS](#) on page 96

Suspect Obj count exceeds value rule

MDA_HEALTH_INSTANCE

Health instance information

ROWID

(SORT_ORDER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SORT_ORDER	long	Number to provide a sort order to the rows
METRICNAME	string(20)	Metric name
VALUE	string(252)	Metric value

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_INSTANCE](#) on page 297

MDA_HEALTH_INSTANCE store

MDA_HEALTH_NETIO

Health network I/O

ROWID

(INSTANCEID, NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
NAME	string(8)	Literal: "NetIO"; created by Surveillance
PACKETSENT	double	Number of network packets sent
PACKETSRECEIVED	double	Number of network packets received
BYTESENT	double	Network bytes sent
BYTESRECEIVED	double	Network bytes received
TSYNC	long	Internal-use tsync; created by Surveillance Note: This column may be removed in a future release.
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PACKETSENT_RATE	double	Number of network packets sent per second, in interval
PACKETSRECEIVED_RATE	double	Number of network packets received per second, in interval
BYTESENT_RATE	double	Network bytes sent per second, in interval
BYTESRECEIVED_RATE	double	Network bytes received per second, in interval
PACKETSENT_DELTA	double	Delta number of network packets sent
PACKETSRECEIVED_DELTA	double	Delta number of network packets received
BYTESENT_DELTA	double	Network bytes sent delta
BYTESRECEIVED_DELTA	double	Network bytes received delta
PACKETSENT_OVERALL	double	Total number of network packets sent, since collection started
PACKETSRECEIVED_OVERALL	double	Total number of network packets received, since collection started
BYTESENT_OVERALL	double	Total network bytes sent, since collection started
BYTESRECEIVED_OVERALL	double	Total network bytes received, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_HEALTH_NETIO](#) on page 298
MDA_HEALTH_NETIO store

MDA_HEALTH_PROCESS

Health processes information

ROWID

(METRICNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SORT_ORDER	long	Number to provide a sort order to the rows
METRICNAME	string(16)	Metric name
VALUE	long	Metric value
MERGESTATUS	long	Internal-use merge status; created by Surveillance
MAX_VALUE	double	Maximum metric value, since collection started

Requirements**Attributes:** MDA**Minimum database version:** 12.5.0.3**Related reference**[Health](#) on page 21

Overall health of the database instance

[MDA_HEALTH_PROCESS](#) on page 299

MDA_HEALTH_PROCESS store

[SYB_MDA_HEALTH_PROCESS_BLOCKED](#) on page 135

Blocked process count > value rule

[SYB_MDA_HEALTH_PROCESS_CONN_CNT](#) on page 136

Connection count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_COUNT](#) on page 136

Process count exceeds value rule

[SYB_MDA_HEALTH_PROCESS_SUSPENDS](#) on page 137

Suspended process count > value rule

MDA_LOCK

Locks

ROWID

(SPID, LOCKID, LOCKTYPE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
LOGIN	string(32)	Login name
BLOCKINGSPID	long	Blocker session process ID (SPID), if applicable

Name	Data Type	Description
SPID	long	Session process ID
KPID	long	Kernel process ID
DBNAME	string(32)	Database name
PARENTSPID	long	Session process ID (SPID) of the parent process, if this is a worker process
LOCKID	long	Lock ID
TABNAME	string(256)	Name of the locked object
LOCKSTATE	string(24)	Lock state (Granted, Requested)
LOCKTYPE	string(32)	Lock type: exclusive intent exclusive page exclusive row exclusive table shared intent shared next key shared page shared row shared table update row update page
LOCKLEVEL	string(32)	Lock level (ROW, PAGE, TABLE, ADDRESS)
WAITTIME	long	Duration of time waiting on the lock, in seconds
PAGE	string(20)	Page # that is locked if LockType = PAGE
ROW	string(20)	Row # that is locked if LockType = ROW
PARTITIONID	long	Partition ID
OBJECTID	long	Object ID

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Locks](#) on page 32

Locks

[MDA_LOCK](#) on page 299

MDA_LOCK store

[SYB_MDA_LOCK_ORPHAN](#) on page 138

Orphaned locks rule

MDA_LOCKTIMEOUT_PIPE

Lock timeouts

ROWID

(HELDSPID, WAITSPID, KEYID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
EXPIREDATTIME	time	Time when lock expired (timed out)
OBJECTDBID	long	Database ID of the object involved in the lock timeout
OBJECTID	long	ID of the object involved in the lock timeout
PAGENUMBER	long	Page number involved in the lock timeout
ROWNUMBER	long	Row number involved in the lock timeout
HELDFAMILYID	long	SPID of parent process (in parallel query) of the process holding the lock involved in the lock timeout
HELDSPID	long	SPID of the process holding the lock involved in the lock timeout
HELDKPID	long	KPID of the process holding the lock involved in the lock timeout
HELDPROCDBID	long	Database ID of the procedure of the process holding the lock involved in the lock timeout
HELDPROCEDUREID	long	Object ID of the procedure of the process holding the lock involved in the lock timeout
HELDBATCHID	long	Batch ID of the process holding the lock involved in the lock timeout
HELDCONTEXTID	long	Context ID of the process holding the lock involved in the lock timeout
HELDLINENUMBER	long	Line number of the process holding the lock involved in the lock timeout
HELDSTMTNUMBER	long	Statement number (unique in a batch) of the process holding the lock involved in the lock timeout
HELDNUMLOCKS	long	Number of locks held by the process holding the lock involved in the lock timeout
HELDNUMTIMEOUTSCAUSED BYTRAN	long	Number of timeouts caused by the transaction of the process holding the lock involved in the lock timeout

Name	Data Type	Description
HELDNUMTIMEOUTSCAUSEDDBYLOCK	long	Number of timeouts caused by the lock of the process holding the lock involved in the lock timeout
WAITFAMILYID	long	SPID of parent process (in parallel query) of the process waiting for the lock involved in the lock timeout
WAITSPID	long	SPID of the process waiting for the lock involved in the lock timeout
WAITKPID	long	KPID of the process waiting for the lock involved in the lock timeout
WAITPROCDBID	long	Database ID of the procedure of the process waiting for the lock involved in the lock timeout
WAITPROCEDUREID	long	Object ID of the procedure of the process waiting for the lock involved in the lock timeout
WAITBATCHID	long	Batch ID of the process waiting for the lock involved in the lock timeout
WAITCONTEXTID	long	Context ID of the process waiting for the lock involved in the lock timeout
WAITLINENUMBER	long	Line number of the process waiting for the lock involved in the lock timeout
WAITSTMTNUMBER	long	Statement number (unique in a batch) of the process waiting for the lock involved in the lock timeout
WAITNUMTIMEOUTSCAUSEDDBYTRAN	long	Number of timeouts caused by the transaction of the process waiting for the lock involved in the lock timeout
LOCKWAITPERIOD	long	Configured duration time, in seconds, for the lock timeout
LOCKTIMEOUTLEVEL	string(24)	Timeout level: DTM_SERVER SERVER SESSION COMMAND INVALID
PARTITIONID	long	ID of the partition involved in the lock timeout
OBJECTDBNAME	string(256)	Database name for the object involved in the lock timeout
OBJECTNAME	string(32)	Name of the object involved in the lock timeout
HELDUSERNAME	string(32)	User name of the process holding the lock involved in the lock timeout
HELDAPPLNAME	string(32)	Application name of the process holding the lock involved in the lock timeout

Name	Data Type	Description
HELDHOSTNAME	string(32)	Host name of the process holding the lock involved in the lock timeout
HELDCLIENTNAME	string(32)	Client name of the process holding the lock involved in the lock timeout
HELDCLIENTAPPLNAME	string(32)	Client application name of the process holding the lock involved in the lock timeout
HELDCLIENTHOSTNAME	string(32)	Client host name of the process holding the lock involved in the lock timeout
HELDTRANNAME	string(256)	Transaction name of the process holding the lock involved in the lock timeout
HELDCOMMAND	string(32)	General command type of the process holding the lock involved in the lock timeout
HELDPROCDBNAME	string(32)	Database name of the procedure of the process holding the lock involved in the lock timeout
HELDPROCEDURENAME	string(32)	Name of the procedure of the process holding the lock involved in the lock timeout
HELDLOCKTYPE	string(32)	Type of lock being held by the process holding the lock involved in the lock timeout
HELDSOURCECODEID	string(32)	Source code ID of the process holding the lock involved in the lock timeout
WAITUSERNAME	string(32)	User name of the process waiting for the lock involved in the lock timeout
WAITAPPLNAME	string(32)	Application name of the process waiting for the lock involved in the lock timeout
WAITHOSTNAME	string(32)	Host name of the process waiting for the lock involved in the lock timeout
WAITCLIENTNAME	string(32)	Client name of the process waiting for the lock involved in the lock timeout
WAITCLIENTAPPLNAME	string(32)	Client application name of the process waiting for the lock involved in the lock timeout
WAITCLIENTHOSTNAME	string(32)	Client host name of the process waiting for the lock involved in the lock timeout
WAITTRANNAME	string(256)	Transaction name of the process waiting for the lock involved in the lock timeout
WAITCOMMAND	string(32)	General command type of the process waiting for the lock involved in the lock timeout
WAITPROCDBNAME	string(32)	Database name of the procedure of the process waiting for the lock involved in the lock timeout
WAITPROCEDURENAME	string(32)	Name of the procedure of the process waiting for the lock involved in the lock timeout
WAITLOCKTYPE	string(32)	Type of lock being requested by the process waiting for the lock involved in the lock timeout

Name	Data Type	Description
WAITSOURCECODEID	string(32)	Source code ID of the process waiting for the lock involved in the lock timeout
KEYID	string(72)	Internal-use, surrogate partial key; created by Surveillance

Requirements

Attributes: MDA

Minimum database version: 15.7

Related reference

[MDA_LOCKTIMEOUT_PIPE](#) on page 300

MDA_LOCKTIMEOUT_PIPE store

MDA_MONITORING_OPTIONS

Monitoring options

ROWID

(INSTANCEID, NAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
NAME	string(256)	Name of the monitoring option
VALUE	long	Value of the monitoring option
DISPEN	string(8)	If the monitoring option is enabled, then: Enabled
DISPDIS	string(12)	If the monitoring option is disabled, then: Disabled
UNIT	string(24)	Description of the units of measure for the parameter
TYPE	string(12)	Type of parameter (static, dynamic, read-only)

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_OPTIONS](#) on page 300

MDA_MONITORING_OPTIONS store

MDA_MONITORING_PIPE_OPTIONS

Monitoring pipe options

ROWID

(INSTANCEID, PIPE)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
PIPE	string(36)	Name of the pipe monitoring option
STATE	long	1 = Enabled, 0 = Disabled
DISPEN	string(8)	If the monitoring option is enabled, then: Enabled
DISPDIS	string(12)	If the monitoring option is disabled, then: Disabled
SIZE	long	Size for the pipe

Requirements**Attributes:** None**Minimum database version:** 12.5.0.3**Related reference**[Health](#) on page 21

Overall health of the database instance

[Monitoring Options](#) on page 51

Monitoring options

[MDA_MONITORING_PIPE_OPTIONS](#) on page 301

MDA_MONITORING_PIPE_OPTIONS store

MDA_NETWORK_IO

Network I/O activity by processes

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID

Name	Data Type	Description
KPID	long	Kernel process ID
NETWORKPACKETSIZE	long	Network packet size
PACKETSENT	long	Number of network packets sent
PACKETSRECEIVED	long	Number of network packets received
BYTESENT	long	Network bytes sent
BYTESRECEIVED	long	Network bytes received
NETWORKENGINEID	long	Network engine ID for the process
TSYNC	long	Internal-use tsync; created by Surveillance Note: This column may be removed in a future release.
LOGIN	string(32)	Login name
APPLICATION	string(32)	Application name
COMMAND	string(32)	General command type
TEMPDBNAME	string(32)	TempDB name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PACKETSENT_DELTA	double	Delta number of network packets sent
PACKETSENT_RATE	double	Number of network packets sent per second, in interval
PACKETSENT_RATE_AVG	double	Average number of network packets sent per second, since collection started
PACKETSRECEIVED_DELTA	double	Delta number of network packets received
PACKETSRECEIVED_RATE	double	Number of network packets received per second, in interval
PACKETSRECEIVED_RATE_AVG	double	Average number of network packets received per second, since collection started
BYTESENT_DELTA	double	Network bytes sent delta
BYTESENT_RATE	double	Network bytes sent per second, in interval
BYTESENT_RATE_AVG	double	Average network bytes sent per second, since collection started
BYTESRECEIVED_DELTA	double	Network bytes received delta
BYTESRECEIVED_RATE	double	Network bytes received per second, in interval
BYTESRECEIVED_RATE_AVG	double	Average network bytes received per second, since collection started
BYTESTRANSFERRED_RATE_AVG	double	Total network bytes sent and received per second, in interval
PACKETSTRANSFERRED_RATE_AVG	double	Total number of network packets sent and received per second, in interval

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_NETWORK_IO](#) on page 302

MDA_NETWORK_IO store

MDA_OPENOBJ

Open object activity

ROWID

(DBID, OBJECTID, INDEXID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
DB_NAME	string(32)	
OWNER_NAME	string(32)	
OBJECT_NAME	string(256)	
OBJTYPE	string(4)	
OBJECTTYPE	string(24)	
DBID	long	Database ID
OBJECTID	long	
INDEXID	long	
LOGICALREADS	long	
PHYSICALREADS	long	
APFREADS	long	
PAGESREAD	long	
PHYSICALWRITES	long	
PAGESWRITTEN	long	
OPTSELECTCOUNT	long	
USED COUNT	long	
ROWSINSERTED	long	
ROWSDELETED	long	
ROWSUPDATED	long	
OPERATIONS	long	

Name	Data Type	Description
LOCKREQUESTS	long	
LOCKWAITS	long	
LASTOPTSELECTDATE	time	
LASTUSEDDATE	time	
MERGESTATUS	long	Internal-use merge status; created by Surveillance
LOGICALREADS_DELTA	double	
LOGICALREADS_OVERALL	double	
LOGICALREADS_RATE	double	
LOGICALREADS_RATE_AVG	double	
PHYSICALREADS_DELTA	double	
PHYSICALREADS_OVERALL	double	
PHYSICALREADS_RATE	double	
PHYSICALREADS_RATE_AVG	double	
PHYSICALWRITES_DELTA	double	
PHYSICALWRITES_OVERALL	double	
PHYSICALWRITES_RATE	double	
PHYSICALWRITES_RATE_AVG	double	
LOGICALIO_DELTA	double	
LOGICALIO_OVERALL	double	
LOGICALIO_RATE	double	
LOGICALIO_RATE_AVG	double	
OPERATIONS_DELTA	double	
OPERATIONS_OVERALL	double	
IO_PER_OP_DELTA	double	
IO_PER_OP_OVERALL	double	
ROWSINSERTED_DELTA	double	
ROWSINSERTED_OVERALL	double	
ROWSDELETED_DELTA	double	
ROWSDELETED_OVERALL	double	
ROWSUPDATED_DELTA	double	
ROWSUPDATED_OVERALL	double	
LOCKREQUESTS_DELTA	double	
LOCKREQUESTS_OVERALL	double	
LOCKWAITS_DELTA	double	

Name	Data Type	Description
LOCKWAITS_OVERALL	double	
LOCKWAITPCT	double	
LOCKWAITPCT_OVERALL	double	
APFREADS_DELTA	double	
APFREADS_OVERALL	double	
PHYSICALIO_DELTA	double	
PHYSICALIO_OVERALL	double	
PHYSICALIO_RATE	double	
PHYSICALIO_RATE_AVG	double	

Requirements

Attributes: MDA (and no CE)

Minimum database version: 12.5.0.3

Related reference

[MDA_OPENOBJ](#) on page 302

MDA_OPENOBJ store

MDA_PROCBATCH

Current executing batches

ROWID

(KPID, BATCHID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
BATCHID	long	Batch ID
CONTEXTID	long	Context ID
STMTSTARTTIME	time	Start time of the current statement in the batch
NOWTIME	time	Current time
PROCDBNAME	string(32)	Database name of the current procedure, if applicable
PROCEDURENAME	string(64)	Name of the current procedure, if applicable
LINENUMBER	long	Line number in the batch
TEMPDBNAME	string(32)	TempDB name

Name	Data Type	Description
MERGESTATUS	long	Internal-use merge status; created by Surveillance
STARTTIME	double	Start time of the batch, in time_t format
ELAPSEDTIME	double	Elapsed time of the batch, in seconds

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Current Executing Stmts](#) on page 36
Current executing statements

[MDA_PROCBATCH](#) on page 251
MDA_PROCBATCH store

[SYB_MDA_PROCBATCH_LONGBATCH](#) on page 67
Batch elapsed time > value rule

MDA_PROCCACHE

Summary statistics of the procedure cache

ROWID

(INSTANCEID, CACHENAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
CACHENAME	string(16)	Literal: "Procedure Cache"; created by Surveillance
REQUESTS	double	Number of requests
LOADS	double	Number of loads
WRITES	double	Number of writes
STALLS	double	Number of stalls
MERGESTATUS	long	Internal-use merge status; created by Surveillance
REQUESTS_DELTA	double	Delta number of requests
LOADS_DELTA	double	Delta number of loads
WRITES_DELTA	double	Delta number of writes
STALLS_DELTA	double	Delta number of stalls

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_PROCCACHE](#) on page 303

MDA_PROCCACHE store

MDA_PROCESS

Processes

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
LCNAME	string(32)	Logical cluster name, if Cluster Edition
SPID	long	Session process ID
KPID	long	Kernel process ID
FAMILYID	long	Session process ID (SPID) of the parent process, if this is a worker process (for parallel query)
BATCHID	long	Batch ID
CONTEXTID	long	Context ID
LINENUMBER	long	Line number in the batch
SECONDSCONNECTED	long	Duration of time connected, in seconds
WAITEVENTID	long	Wait event ID
BLOCKINGSPID	long	Blocker session process ID (SPID), if applicable
ENGINENUMBER	long	Engine ID
PRIORITY	long	Priority
LOGIN	string(32)	Login name
APPLICATION	string(32)	Application name
COMMAND	string(32)	General command type
NUMCHILDREN	long	Number of child processes, if executing parallel query
SECONDSWAITING	long	Duration of time waiting, in seconds
BLOCKINGXLOID	long	Blocker lock ID, if applicable
DBNAME	string(32)	Database name
ENGINEGROUPNAME	string(32)	Engine group name

Name	Data Type	Description
EXECUTIONCLASS	string(32)	Execution class
MASTERTRANSACTIONID	string(256)	Master transaction ID
TEMPDBNAME	string(32)	TempDB name
TEMPDBUSED	double	Current TempDB space used
CPUTIME	long	CPU time, in milliseconds
CPUSECS	double	CPU time, in seconds
WAITTIME	long	Wait time, in milliseconds
WAITSECS	double	Wait time, in seconds
PHYSICALREADS	double	Number of physical reads
PHYSICALWRITES	double	Number of physical writes
LOGICALREADS	double	Number of logical reads
PHYSICAL_IO	double	Number of physical I/O operations
LOGICAL_IO	double	Number of logical I/O operations
PAGESREAD	double	Number of pages read
PAGESWRITTEN	double	Number of pages written
BYTESREAD	double	Number of bytes read
BYTESWRITTEN	double	Number of bytes written
PAGE_IO	double	Number of page I/O operations
MEMUSAGEB	double	Memory usage, in bytes
LOCKSHELD	long	Number of locks held by this process
TABLEACCESSES	long	Number of pages read without an index
INDEXACCESSES	long	Number of pages read with an index
TEMPDBOBJECTS	long	Total number of temp tables created (including dropped ones)
ULCBYTESWRITTEN	long	Number of bytes written to the user log cache (ULC) for the process
ULCFLUSHES	long	Number of times the user log cache (ULC) was flushed
ULCFLUSHFULL	long	Number of times the user log cache (ULC) was flushed because it was full
ULCMAXUSAGE	long	Maximum space usage of the user log cache (ULC), in bytes
ULCCURRENTUSAGE	long	Current space usage of the user log cache (ULC), in bytes
TRANSACTIONS	long	Number of transactions started (including finished ones)
COMMITTS	long	Number of commits
ROLLBACKS	long	Number of rollbacks
NETWORKPACKETSIZE	long	Size of each network packet, in bytes
PACKETSENT	long	Number of network packets sent

Name	Data Type	Description
PACKETSRECEIVED	long	Number of network packets received
BYTESENT	long	Network bytes sent
BYTESRECEIVED	long	Network bytes received
TIME_BLOCKED	long	Duration of time blocked, in seconds
HOSTNAME	string(32)	Host name
CLIENTOSPID	string(32)	Client OS PID
IPADDR	string(68)	Client IP address
CMD	string(32)	Command or process being executed; if a conditional statement, such as <i>if</i> , then the value is <i>cond</i>
STATUS	string(16)	Process status: alarm sleep background infected latch sleep lock sleep PLC sleep recv sleep remote i/o runnable running send sleep sleeping stopped sync sleep
CLIENTNAME	string(32)	Client name
CLIENTHOSTNAME	string(32)	Client host name
CLIENTAPPLNAME	string(32)	Client application name
WAITDESCRIPTION	string(256)	Wait event description
BLOCKEDCOUNT	long	Total number of processes currently blocked by this process
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CPUPCT	double	CPU % Used (1 CPU), in interval
CPUPCT_AVG	double	Average CPU % Used (1 CPU), since collection started
CPUPCT_MAX	double	Maximum CPU % Used (1 CPU), since collection started
CPU_DELTA	double	CPU time delta, in seconds
CPU_TOTAL	double	CPU time total, in seconds, since collection started
SESSION_CPUPCT	double	% of time connected that is CPU time (1 CPU)
WAITPCT	double	Wait % (1 CPU), in interval
WAITPCT_AVG	double	Average Wait % (1 CPU), since collection started

Name	Data Type	Description
WAITPCT_MAX	double	Maximum Wait % (1 CPU), since collection started
WAIT_DELTA	double	Wait time delta, in seconds
WAIT_TOTAL	double	Wait time total, in seconds, since collection started
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
PHYSICALWRITES_DELTA	double	Delta number of physical writes
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval
PHYSICALREADS_DELTA	double	Delta number of physical reads
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval
LOGICALIO_DELTA	double	Delta number of logical I/O operations
LOGICALIO_RATE	double	Number of logical I/O operations per second, in interval
LOGICALIO_RATE_MAX	double	Maximum number of logical I/O operations per second, since collection started
LOGICALIO_RATE_AVG	double	Average number of logical I/O operations per second, since collection started
LOGICALIO_AVG	double	Average of delta number of logical I/O operations, since collection started
LOGICALIO_MAX	double	Maximum of delta number of logical I/O operations, since collection started
PAGESREAD_DELTA	double	Delta number of pages read
PAGESREAD_RATE	double	Number of pages read per second, in interval
PAGESWRITTEN_DELTA	double	Delta number of pages written
PAGESWRITTEN_RATE	double	Number of pages written per second, in interval
TABLEACCESSES_DELTA	double	Delta number of pages read without an index
INDEXACCESSES_DELTA	double	Delta number of pages read with an index

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Processes](#) on page 27
Processes

[MDA_PROCESS](#) on page 304
MDA_PROCESS store

[SYB_MDA_PROCESS_CPU_PERCENT](#) on page 138
Individual process CPU utilization > value (percentage) rule

[SYB_MDA_PROCESS_WAITSECS](#) on page 139
Process waitsecs > value rule

MDA_PROCSQLPLAN

Parsed SQL plans for current executing statements

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
InstanceID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
SQLID	string(20)	SQL ID; created by Surveillance
PLANID	string(20)	Plan ID; created by Surveillance
Step	long	Step # in the plan
ParentID	long	ID of parent of this node in the plan; 0 = this node is the root node in the plan
ID	long	ID of this node in the plan
Depth	long	Depth of this node in the plan hierarchy
Operation	string(32)	Name of operation for this node
Options	string(48)	Options for the operation for this node
Object	string(64)	Target object of this operation
Object2	string(64)	Second target object of this operation
IOSizeData	long	I/O size used for data pages for this node, in bytes
BRSDData	string(4)	Buffer Replacement Strategy used for data pages for this node
IOSizeIdxLeaf	long	I/O size used for index leaf pages for this node, in bytes
BRSIIdxLeaf	string(4)	Buffer Replacement Strategy used for index leaf pages for this node

Requirements

Attributes: MDA

Minimum database version: 15.0

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLAN](#) on page 252

MDA_PROCSQLPLAN store

MDA_PROCSQLPLANTEXT

SQL plan text for current executing statements

ROWID

(SPID, KPID)

Columns

Name	Data Type	Description
InstanceID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
SQID	string(20)	SQL ID; created by Surveillance
PLANID	string(20)	Plan ID; created by Surveillance
SeqNo	long	Sequence # of text fragment
SQLPlan	string(256)	Text fragment of SQL plan

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLPLANTEXT](#) on page 252

MDA_PROCSQLPLANTEXT store

MDA_PROCSQLTEXT

SQL text of current executing statements

ROWID

(KPID, BATCHID, LINENUMBER, SEQUENCEINLINE)

Columns

Name	Data Type	Description
SPID	long	Session process ID
KPID	long	Kernel process ID
INSTANCEID	long	Instance ID; 0 = non-CE
BATCHID	long	Batch ID
SQLID	string(20)	SQL ID; created by Surveillance
LINENUMBER	long	Line number in batch
SEQUENCEINLINE	long	Sequence # of text fragment for the given line
SQLTEXT	string(256)	SQL text fragment

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmtns](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSQLTEXT](#) on page 253

MDA_PROCSQLTEXT store

MDA_PROCSTACK

Procedure stack for current executing statements

ROWID

(KPID, CONTEXTID, STATEMENTNUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
CONTEXTID	long	Current context ID of the procedure
STATEMENTNUMBER	long	Current statement number (unique in a batch) of the procedure
OBJECTTYPE	string(36)	Type of procedure (stored procedure, etc.) in the stack
OBJECTNAME	string(32)	Name of the procedure in the stack
LINENUMBER	long	Current line number of the procedure
COMPILEDATE	time	Compile date of the procedure
MEMUSAGEB	double	Memory usage, in bytes
DBID	long	Database ID
OWNERUID	long	Owner ID of the procedure
OBJECTID	long	Procedure ID
PLANID	long	Plan ID (number) in procedure cache
DBNAME	string(32)	Name of the database that contains the procedure
OWNERNAME	string(32)	Name of the owner of the procedure

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Processes](#) on page 27

Processes

[Locks](#) on page 32

Locks

[Blocked Processes](#) on page 34

Blocktrees of processes, including blockers and waiters

[Current Executing Stmts](#) on page 36

Current executing statements

[Open Transactions](#) on page 39

Open transactions

[MDA_PROCSTACK](#) on page 254

MDA_PROCSTACK store

MDA_PROCSTMT

Current executing statements

ROWID

(SPID, KPID, KEYID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
DBID	long	Database ID
PROCEDUREID	long	Procedure ID; 0 = not a procedure
BATCHID	long	Batch ID
CONTEXTID	long	Context ID
LINENUMBER	long	Line number in the batch
KEYID	string(72)	Internal-use, surrogate partial key; created by Surveillance
SQID	string(20)	SQL ID; created by Surveillance
CPUTIME	long	CPU time, in milliseconds
WAITTIME	long	Wait time, in milliseconds
STARTTIME	time	Start time of statement
MEMUSAGEKB	long	Memory usage, in kilobytes
PHYSICALREADS	double	Number of physical reads
LOGICALREADS	double	Number of logical reads
PAGESMODIFIED	double	Number of pages written
PACKETSENT	long	Number of network packets sent
PACKETSRECEIVED	long	Number of network packets received
NETWORKPACKETSIZE	long	Size of each network packet, in bytes
PLANSALTERED	long	Number of plans altered
ROWSAFFECTED	long	Number of rows affected
ELAPSEDTIME	long	Elapsed time, in seconds
ELAPSEDTIMEMS	long	Elapsed time, in milliseconds
MEMUSAGEB	double	Memory usage, in bytes
SQLTEXT	string(256)	SQL text preview
PROCEDURENAME	string(64)	Procedure name, if applicable
LOGIN	string(32)	User login name
DBNAME	string(32)	Database name
TEMPDBNAME	string(32)	TempDB name
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Name	Data Type	Description
WAITTIME_DELTA	double	Wait time delta
WAITTIME_TOTAL	double	Wait time total, since collection started
PHYSICALREAD_DELTA	double	Delta number of physical reads
PHYSICALREAD_TOTAL	double	Total number of physical reads, since collection started
LOGICALREAD_DELTA	double	Delta number of logical reads
LOGICALREAD_TOTAL	double	Total number of logical reads, since collection started
PACKETSENT_DELTA	double	Delta number of network packets sent
PACKETSEND_TOTAL	double	Total number of network packets sent, since collection started
PACKETSRECEIVED_DELTA	double	Delta number of network packets received
PACKETSRECEIVED_TOTAL	double	Total number of network packets received, since collection started
BYTESENT	double	Network bytes sent
BYTESRECEIVED	double	Network bytes received
CPUSECS	double	CPU time, in seconds
CPUPCT	double	CPU % Used (1 CPU), in interval
BYTESENT_DELTA	double	Network bytes sent delta
BYTESRECEIVED_DELTA	double	Network bytes received delta
CPUTIME_DELTA	double	CPU time delta, in milliseconds
ELAPSEDTIME_DELTA	double	Elapsed time delta, in seconds
ELAPSEDTIMEMS_DELTA	double	Elapsed time delta, in milliseconds

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21
Overall health of the database instance
[Current Executing Stmts](#) on page 36
Current executing statements
[MDA_PROCSTMT](#) on page 254
MDA_PROCSTMT store

MDA_RECENTSQLTEXT_PIPE

SQL text of recently executed statements

ROWID

(KPID, BATCHID, SEQUENCEINBATCH, RID)

Columns

Name	Data Type	Description
SPID	long	Session process ID
KPID	long	Kernel process ID
BATCHID	long	Batch ID
RSQLID	string(20)	RSQL ID; created by Surveillance
SEQUENCEINBATCH	long	Sequence # of text fragment for the given batch
RID	long	Internal-use, partial key; created by Surveillance
SQLTEXT	string(256)	SQL text fragment

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENTSQLTEXT_PIPE](#) on page 256

MDA_RECENTSQLTEXT_PIPE store

MDA_RECENTSTMT_PIPE

Recently executed statements

ROWID

(SPID, KPID, BATCHID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
BATCHID	long	Batch ID
STARTDBID	long	ID of the database where the batch started
STARTDBNAME	string(32)	Name of the database where the batch started
LOGIN	string(32)	User login name
STARTTIME	time	Start time of statement
ENDTIME	time	End time of statement

Name	Data Type	Description
ELAPSEDTIME	long	Elapsed time, in seconds
RSQLID	string(20)	RSQL ID; created by Surveillance
CPUTIME	long	CPU time, in milliseconds
WAITTIME	long	Wait time, in milliseconds
MEMUSAGEB	double	Memory usage, in bytes
PHYSICALREADS	double	Number of physical reads
LOGICALREADS	double	Number of logical reads
ROWSAFFECTED	double	Number of rows affected
PAGESMODIFIED	double	Number of pages written
PACKETSENT	double	Number of network packets sent
PACKETSRECEIVED	double	Number of network packets received
BYTESENT	double	Network bytes sent
BYTESRECEIVED	double	Network bytes received
PLANSALTERED	long	Number of plans altered
ERRORSTATUS	long	Error code, if an error occurred
SQLTEXT	string(256)	SQL text preview

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Recently Executed Stmts](#) on page 58

Recently executed statements

[Recent History - Operational Auditing](#) on page 61

Auditing for operational purposes, based on historical data from Recently Executed Statements

[MDA_RECENTSTMT_PIPE](#) on page 256

MDA_RECENTSTMT_PIPE store

MDA_STMTCACHE

Summary statistics about the statement cache

ROWID

(INSTANCEID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE

Name	Data Type	Description
CACHENAME	string(16)	Literal: "Statement Cache"; created by Surveillance
TOTALSIZEKB	double	Configured size of the statement cache, in kilobytes
USEDIZEKB	double	Amount of the statement cache that is currently in use, in kilobytes
NUMSTATEMENTS	long	Number of statements
NUMSEARCHES	long	Number of searches performed
HITCOUNT	long	Number of searches performed where a match was found
MISSCOUNT	long	Number of searches performed where a match was not found
NUMINSERTS	long	Number of inserted statements
NUMREMOVALS	long	Number of removed statements
NUMRECOMPILESSCHEMACHANGES	long	Number of recompiles due to schema changes
NUMRECOMPILESPLANFLUSHES	long	Number of recompiles due to plan flushes
MERGESTATUS	long	Internal-use merge status; created by Surveillance
TOTALSIZEB	double	Configured size of the statement cache, in bytes
USEDIZEB	double	Amount of the statement cache that is currently in use, in bytes
NUMSEARCHES_CURRENT	double	Delta number of searches performed
NUMSEARCHES_OVERALL	double	Total number of searches performed, since collection started
HITCOUNT_CURRENT	double	Delta number of searches performed where a match was found
HITCOUNT_OVERALL	double	Total number of searches performed where a match was found, since collection started
NUMINSERTS_CURRENT	double	Delta number of inserted statements
NUMINSERTS_OVERALL	double	Total number of inserted statements, since collection started
NUMREMOVALS_CURRENT	double	Delta number of removed statements
NUMREMOVALS_OVERALL	double	Total number of removed statements, since collection started
MISSCOUNT_CURRENT	double	Delta number of searches performed where a match was not found
MISSCOUNT_OVERALL	double	Total number of searches performed where a match was not found, since collection started
MISS_PCT	double	Search miss %, in interval
MISS_PCT_AVG	double	Average search miss %, over each interval since collection started
MISS_PCT_MAX	double	Maximum search miss %, over each interval since collection started

Name	Data Type	Description
TOT_MISS_PCT	double	Search miss %, since ASE instance started
OVR_MISS_PCT	double	Search miss %, over all intervals since collection started
USED_PCT	double	% of statement cache currently in use

Requirements

Attributes: MDA

Minimum database version: 15.0.2

Related reference

[Cache Activity](#) on page 53

Data cache activity, and summary statistics for the statement cache

[MDA_STMTCACHE](#) on page 258

MDA_STMTCACHE store

MDA_SYSLOAD

Summary statistics about system load

ROWID

(INSTANCEID, ENGINENUMBER, STATISTICID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
ENGINENUMBER	long	Engine ID
STATISTICID	long	Statistic ID
STATISTIC	string(32)	Statistic name
SAMPLE	double	Current value of metric, in ASE last interval
STEADYSTATE	double	Average value
AVG_1MIN	double	1-minute moving average
AVG_5MIN	double	5-minute moving average
AVG_15MIN	double	15-minute moving average
PEAK	double	Maximum value
MAX_1MIN	double	Maximum 1-minute average
MAX_5MIN	double	Maximum 5-minute average
MAX_15MIN	double	Maximum 15-minute average
PEAK_TIME	time	Time when peak value occurred
MAX_1MIN_TIME	time	Time when maximum 1-minute average occurred

Name	Data Type	Description
MAX_5MIN_TIME	time	Time when maximum 5-minute average occurred
MAX_15MIN_TIME	time	Time when maximum 15-minute average occurred

Requirements

Attributes: MDA

Minimum database version: 15.5, or 15.0.3 Cluster Edition

Related reference

[MDA_SYSLOAD](#) on page 305

MDA_SYSLOAD store

MDA_SYSPROCS

Procedure activity

ROWID

(DBNAME, NAME)

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
NAME	string(132)	Procedure name
TYPE	string(12)	Procedure type
USECOUNT	long	Total number of times procedure was used, since oldest data available
CPUTIME	long	Total CPU time, in milliseconds, over all procedure calls, since oldest data available
WAITTIME	long	Total wait time, in milliseconds, over all procedure calls, since oldest data available
ELAPSEDTIME	long	Total elapsed time, in milliseconds, over all procedure calls, since oldest data available
OTHERTIME	long	Total other time, in milliseconds, over all procedure calls, since oldest data available
MINCPUTIME	long	Minimum CPU time per procedure call, in milliseconds, since oldest data available
MAXCPUTIME	long	Maximum CPU time per procedure call, in milliseconds, since oldest data available
AVGCPUTIME	long	Average CPU time per procedure call, in milliseconds, since oldest data available
MINWAITTIME	long	Minimum wait time per procedure call, in milliseconds, since oldest data available

Name	Data Type	Description
MAXWAITTIME	long	Maximum wait time per procedure call, in milliseconds, since oldest data available
AVGWAITTIME	long	Average wait time per procedure call, in milliseconds, since oldest data available
MINELAPSEDTIME	long	Minimum elapsed time per procedure call, in milliseconds, since oldest data available
MAXELAPSEDTIME	long	Maximum elapsed time per procedure call, in milliseconds, since oldest data available
AVGELAPSEDTIME	long	Average elapsed time per procedure call, in milliseconds, since oldest data available
MERGESTATUS	long	Internal-use merge status; created by Surveillance
CPUTIME_DELTA	double	Delta total CPU time, in milliseconds
CPUTIME_OVERALL	double	Total CPU time, in milliseconds, since collection started
WAITTIME_DELTA	double	Delta total wait time, in milliseconds
WAITTIME_OVERALL	double	Total wait time, in milliseconds, since collection started
ELAPSEDTIME_DELTA	double	Delta total elapsed time, in milliseconds
ELAPSEDTIME_OVERALL	double	Total elapsed time, in milliseconds, since collection started
USECOUNT_DELTA	double	Delta number of times procedure was used

Requirements

Attributes: MDA

Minimum database version: 15.0.3

Related reference

[Procedure Activity](#) on page 59

Procedure activity

[MDA_SYSPROCS](#) on page 258

MDA_SYSPROCS store

MDA_SYSTIMEDEVENTS

System timed events

ROWID

(INSTANCEID, EVENTID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
EVENTID	long	Event ID

Name	Data Type	Description
DESCRIPTION	string(256)	Event description
EVENTCLASSID	long	Event class ID
EVENTS	double	Number of events
EVENTTIME	double	Total event time, in seconds
MERGESTATUS	long	Internal-use merge status; created by Surveillance
EVENTTIME_CURRENT	double	Event time delta, in seconds
EVENTTIME_AVG	double	Average of delta event time, in seconds, since collection started
EVENTTIME_MAX	double	Maximum of delta event time, in seconds, since collection started
EVENTTIME_OVERALL	double	Total event time, in seconds, since collection started
EVENTTIME_PCT	double	% of total event time over all events, in interval
EVENTTIME_PCT_AVG	double	% of average event time per interval, since collection started
EVENTTIME_PCT_TOT	double	% of total event time, since collection started
EVENTS_CURRENT	double	Delta number of events
EVENTS_AVG	double	Average of delta number of events, since collection started
EVENTS_MAX	double	Maximum of delta number of events, since collection started
EVENTS_OVERALL	double	Total number of events, since collection started
EVENTS_PCT	double	% of total number of events over all events, in interval
EVENTS_PCT_AVG	double	% of average number of events per interval, since collection started
EVENTS_PCT_TOT	double	% of total number of events, since collection started

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEDEVENTS](#) on page 306

MDA_SYSTIMEDEVENTS store

MDA_SYSTIMEDEVENTS_CLASS

System timed events by classes

ROWID

(INSTANCEID, EVENTCLASSID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
EVENTCLASSID	long	Event class ID
DESCRIPTION	string(256)	Event class description
EVENTS	double	Number of events in the class
EVENTTIME	double	Total event time in the class, in seconds
MERGESTATUS	long	Internal-use merge status; created by Surveillance
EVENTS_RATEM	double	Events per minute, in interval
EVENTS_DELTA	double	Delta number of events in the class
EVENTS_OVERALL	double	Total number of events in the class, since collection started
EVENTTIME_RATEM	double	Event time per minute, in seconds, in interval
EVENTTIME_DELTA	double	Event time delta, in seconds
EVENTTIME_OVERALL	double	Total event time in the class, in seconds, since collection started

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[Health](#) on page 21

Overall health of the database instance

[MDA_SYSTIMEDEVENTS_CLASS](#) on page 306

MDA_SYSTIMEDEVENTS_CLASS store

MDA_TEMPDB_TOP_VIEW

TempDB activity

ROWID

(TEMPDB)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
TEMPDB	string(32)	Name of tempdb
ASSIGNED_SPIDS	long	Number of processes assigned to the tempdb
USAGE_SPIDS	long	Number of processes currently using tempdb space

Name	Data Type	Description
STATUS	string(12)	Database status (online, suspect, offline, quiesced, read only)
QUIESCETAG	string(32)	Quiesce tag for the database, if quiesced
SHAREDTEMPSIZE	double	Shared temp space used, in bytes
PRIVATETEMPSPACE	double	Private temp space used, in bytes
SYSLOGS	double	syslogs table space used, in bytes
WORKTABLESIZE	double	Worktable space used, in bytes
LOGICALREADS	double	Number of logical reads, since oldest data available
PHYSICALREADS	double	Number of physical reads, since oldest data available
PAGESREAD	double	Number of pages read, since oldest data available
PAGESWRITTEN	double	Number of pages written, since oldest data available
PHYSICALWRITES	double	Number of physical writes, since oldest data available
ROWSINSERTED	double	Number of rows inserted, since oldest data available
ROWSDELETED	double	Number of rows deleted, since oldest data available
ROWSUPDATED	double	Number of rows updated, since oldest data available
DROPLOGICALREADS	double	Internal-use number of logical reads on dropped objects; created by Surveillance
DROPPHYSICALREADS	double	Internal-use number of physical reads on dropped objects; created by Surveillance
DROPAPFREADS	double	Internal-use number of APF reads on dropped objects; created by Surveillance
DROPPAGESREAD	double	Internal-use number of pages read on dropped objects; created by Surveillance
DROPPHYSICALWRITES	double	Internal-use number of physical writes on dropped objects; created by Surveillance
DROPPAGESWRITTEN	double	Internal-use number of pages written on dropped objects; created by Surveillance
DROPROWSINSERTED	double	Internal-use number of rows inserted on dropped objects; created by Surveillance
DROPROWSDELETED	double	Internal-use number of rows deleted on dropped objects; created by Surveillance
DROPROWSUPDATED	double	Internal-use number of rows updated on dropped objects; created by Surveillance
DROPERATIONS	double	Internal-use number of operations on dropped objects; created by Surveillance
DROPLOCKREQUESTS	double	Internal-use number of lock requests on dropped objects; created by Surveillance
DROPLOCKWAITS	double	Internal-use number of lock waits on dropped objects; created by Surveillance

Name	Data Type	Description
OPERATIONS	double	Number of operations on objects, since oldest data available
LOCKREQUESTS	double	Number of lock requests, since oldest data available
LOCKWAITS	double	Number of lock waits, since oldest data available
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	Delta number of physical reads
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second per interval, since collection started
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second per interval, since collection started
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval
PHYSICALREADS_RATE_AVG	double	Average number of physical reads per second per interval, since collection started
PHYSICALREADS_RATE_MAX	double	Maximum number of physical reads per second per interval, since collection started
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval
PHYSICALWRITES_RATE_AVG	double	Average number of physical writes per second per interval, since collection started
PHYSICALWRITES_RATE_MAX	double	Maximum number of physical writes per second per interval, since collection started
PAGESREAD_RATE	double	Number of pages read per second, in interval
PAGESWRITTEN_RATE	double	Number of pages written per second, in interval

Requirements

Attributes: MDA
Minimum database version: 12.5.0.3

Related reference

[MDA_TEMPDB_TOP_VIEW](#) on page 267
MDA_TEMPDB_TOP_VIEW store

MDA_TEMPDB_USAGE

TempDB usage by process

ROWID

(SPID)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
DBNAME	string(32)	Database name
ROW_COUNT	double	Number of rows in tempdb
RESERVED	double	Total tempdb space used, in bytes
LOGICALREADS	double	Number of logical reads, since oldest data available
PHYSICALREADS	double	Number of physical reads, since oldest data available
APFREADS	double	Number of APF reads, since oldest data available
PAGESREAD	double	Number of pages read, since oldest data available
PHYSICALWRITES	double	Number of physical writes, since oldest data available
PAGESWRITTEN	double	Number of pages written, since oldest data available
ROWSINSERTED	double	Number of rows inserted, since oldest data available
ROWSDELETED	double	Number of rows deleted, since oldest data available
ROWSUPDATED	double	Number of rows updated, since oldest data available
DROPLOGICALREADS	double	Internal-use number of logical reads on dropped objects; created by Surveillance
DROPPHYSICALREADS	double	Internal-use number of physical reads on dropped objects; created by Surveillance
DROPAPFREADS	double	Internal-use number of APF reads on dropped objects; created by Surveillance
DROPPAGESREAD	double	Internal-use number of pages read on dropped objects; created by Surveillance
DROPPHYSICALWRITES	double	Internal-use number of physical writes on dropped objects; created by Surveillance
DROPPAGESWRITTEN	double	Internal-use number of pages written on dropped objects; created by Surveillance
DROPROWSINSERTED	double	Internal-use number of rows inserted on dropped objects; created by Surveillance
DROPROWSDELETED	double	Internal-use number of rows deleted on dropped objects; created by Surveillance
DROPROWSUPDATED	double	Internal-use number of rows updated on dropped objects; created by Surveillance
DROPOPERATIONS	double	Internal-use number of operations on dropped objects; created by Surveillance
DROPLOCKREQUESTS	double	Internal-use number of lock requests on dropped objects; created by Surveillance

Name	Data Type	Description
DROPLOCKWAITS	double	Internal-use number of lock waits on dropped objects; created by Surveillance
OPERATIONS	double	Number of operations on objects, since oldest data available
LOCKREQUESTS	double	Number of lock requests, since oldest data available
LOCKWAITS	double	Number of lock waits, since oldest data available
MERGESTATUS	long	Internal-use merge status; created by Surveillance
PHYSICALREADS_DELTA	double	Delta number of physical reads
LOGICALREADS_DELTA	double	Delta number of logical reads
LOGICALREADS_RATE	double	Number of logical reads per second, in interval
LOGICALREADS_RATE_AVG	double	Average number of logical reads per second per interval, since collection started
LOGICALREADS_RATE_MAX	double	Maximum number of logical reads per second per interval, since collection started
PHYSICALREADS_RATE	double	Number of physical reads per second, in interval
PHYSICALREADS_RATE_AVG	double	Average number of physical reads per second per interval, since collection started
PHYSICALREADS_RATE_MAX	double	Maximum number of physical reads per second per interval, since collection started
PHYSICALWRITES_RATE	double	Number of physical writes per second, in interval
PHYSICALWRITES_RATE_AVG	double	Average number of physical writes per second per interval, since collection started
PHYSICALWRITES_RATE_MAX	double	Maximum number of physical writes per second per interval, since collection started
PAGESREAD_RATE	double	Number of pages read per second, in interval
PAGESWRITTEN_RATE	double	Number of pages written per second, in interval

Requirements

Attributes: MDA

Minimum database version: 12.5.0.3

Related reference

[MDA_TEMPDB_USAGE](#) on page 268

MDA_TEMPDB_USAGE store

MDA_THRESHOLD_PIPE

Threshold events for configured resource limitations

ROWID

(INSTANCEID, KPID, BATCHID, LINENUMBER)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPID	long	Session process ID
KPID	long	Kernel process ID
KTID	long	Kernel thread ID
SERVERUSERID	long	Server user ID
FAMILYID	long	Session process ID (SPID) of the parent process, if the row is a worker process (for parallel query)
DBID	long	Database ID
PROCEDUREID	long	Procedure ID; 0 = not a procedure
BATCHID	long	Batch ID
LINENUMBER	long	Line number of the statement
TEMPDBOBJECTS	long	Total number of temporary tables created by the process
RANGEID	long	Range ID of the resource limit
LIMITID	long	Resource limit ID
LIMITVALUE	long	Value of the violated limit
ENFORCED	long	Whether limit is enforced before or during query
REPORTDATETIME	time	Time when limit violation was reported
LOGIN	string(32)	Login name
APPLICATION	string(32)	Application name
HOSTNAME	string(32)	Host name
CLIENTNAME	string(32)	Client name
CLIENTHOSTNAME	string(32)	Client host name
CLIENTAPPLNAME	string(32)	Client application name
CLIENTIP	string(68)	Client IP address
COMMAND	string(32)	General command type
DBNAME	string(32)	Database name
BLOCKINGSPID	long	SPID of the process holding the lock, if a lock was being requested
LIMITTYPE	string(32)	Type of resource limit
ACTION	string(32)	Action to perform when resource limit is violated
SCOPE	string(32)	Scope of the resource limit
SQLTEXT	string(256)	SQL text of the threshold event

Name	Data Type	Description
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: MDA

Minimum database version: 16.0

Related reference

[MDA_THRESHOLD_PIPE](#) on page 307

MDA_THRESHOLD_PIPE store

[SYB_MDA_THRESHOLD_EVENT](#) on page 140

Record New Threshold Events rule

OPENTRANS

Open transactions

ROWID

None

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
XACTKEY	string(32)	Transaction key
TYPE	string(12)	Transaction type (Local, External, Dtx_State, Remote)
COORDINATOR	string(12)	Coordination method (None, Syb2PC, ASTC, XA, DTC)
STARTTIME	time	Start time of transaction
ELAPSEDTIME	long	Elapsed time, in seconds
STATE	string(20)	Current state of the transaction: Begun Done Command Done Prepared In Command In Abort Cmd Committed In Post Commit In Abort Tran In Abort Savept Begun-Detached Done Cmd-Detached Done-Detached Prepared-Detached

Name	Data Type	Description
		Pseudo Prepared Heur Committed Heur Rolledback
CONNECTION	string(12)	Connection state (Attached, Detached)
DBID	long	Starting database ID
DBNAME	string(32)	Starting database name
TEMPDBNAME	string(32)	Name of the tempdb assigned to the process
SPID	long	Session process ID; 0 = Detached process
LOID	long	Lock owner ID
FAILOVER	string(28)	Transaction failover state (Resident Tx, Failed-over Tx, Tx by Failover-Conn)
SRVNAME	string(32)	Remote server name, if applicable
NAMELEN	long	Length of transaction name
XACTNAME	string(256)	Transaction name, or XA transaction ID (XID)
GTRID_XA	string(512)	Binary version of the global transaction ID portion of XID
BQUAL_XA	string(512)	Binary version of the branch qualifier portion of XID
KPID	long	Kernel process ID
LOGIN	string(32)	Login name of process
APPLICATION	string(32)	Application name of process
CLIENTHOST	string(32)	Client host name of process
CLIENTIP	string(68)	Client host IP address of process
CLIENTOSPID	string(32)	Client OS PID of process

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Open Transactions](#) on page 39
Open transactions

[OPENTRANS](#) on page 309
OPENTRANS store

RESOURCE_LIMITS

Resource limits defined by a system administrator to regulate server resources

ROWID

None

Columns

Name	Data Type	Description
NAME	string(32)	Login name that is the target of the resource limit, if applicable
APPNAME	string(32)	Application name that is the target of the resource limit, if applicable
RANGENAME	string(256)	Name of the time range to use; see TIME_RANGE on page 483
RANGEID	long	ID of the time range to use; see TIME_RANGE on page 483
LIMITID	long	ID of resource to limit
LIMITVALUE	long	Value to use as the limit on the resource
ENFORCED	long	ID of the type of enforcement of the limit
ACTION	long	ID of the action to take upon violating the limit
SCOPE	long	Mask of scopes in which to apply the limit
ENFORCED_DESC	string(32)	Type of enforcement of the limit (prior to exec, during exec, before and during exec, unknown)
ACTION_DESC	string(32)	Action to take upon violating the limit (issue warning, abort query batch, abort transaction, kill session, unknown)
SCOPE_DESC	string(32)	Scopes in which to apply the limit (query, query batch, transaction, query batch and transaction, unknown)
LIMIT_TYPE	string(32)	Type of resource limit, including (varies by ASE version) but not limited to: cpu_time (ASE 16.0+) elapsed_time idle_time (ASE 16.0+) io_cost lock_count (ASE 15.7+) row_count tempdb_space

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[RESOURCE_LIMITS](#) on page 313
 RESOURCE_LIMITS store

SEGUSAGE

Segment space usage

ROWID

(DBNAME, SEGNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
TSYNC	long	Internal-use tsync; created by Surveillance Note: This column may be removed in a future release.
DBNAME	string(32)	Database name
SUSPECT	string(8)	Whether segment is suspect; * = suspect
SEGNAME	string(68)	Segment name
TOTALSIZEMB	double	Total allocated size, in megabytes
TOTALPAGES	double	Total allocated size, in pages
FREEPAGES	double	Unused space, in pages
USEDPAGES	double	Amount of space used, in pages
FREEMB	double	Unused space, in megabytes
USEDMB	double	Amount of space used, in megabytes
USEDPCT	double	% space used
MERGESTATUS	long	Internal-use merge status; created by Surveillance
USEDMB_DELTA	double	Delta amount of space used, in megabytes
USEDMB_DELTA_AVG	double	Average of delta amount of space used per interval, in megabytes, since collection started
TOTALSIZEB	double	Total allocated size, in bytes
FREEB	double	Unused space, in bytes
USEDDB	double	Amount of space used, in bytes
USEDDB_DELTA	double	Delta amount of space used, in bytes
USEDDB_DELTA_AVG	double	Average of delta amount of space used per interval, in bytes, since collection started

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Segment Usage](#) on page 46
Segment space usage

[SEGUSAGE](#) on page 268
SEGUSAGE store

[SYB_CEINST_LOG_SUSPENDS](#) on page 72
Cluster Instance Local TempDB: Database is in LOG SUSPEND rule

[SYB_CEINST_SEGDATA_FREE_CRITIC](#) on page 72
Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_FULL_CRITIC](#) on page 73
Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_INFO](#) on page 74
Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_FULL_WARN](#) on page 74
Cluster Instance Local TempDB: Data segment > value (percentage full) rule

[SYB_CEINST_SEGDATA_MB_FREE_INFO](#) on page 75
Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGDATA_MB_FREE_WARN](#) on page 76
Cluster Instance Local TempDB: Data segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FREE_CRITICAL](#) on page 76
Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_FULL_CRITICAL](#) on page 77
Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_INFO](#) on page 77
Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_FULL_WARN](#) on page 78
Cluster Instance Local TempDB: Log segment > value (percentage full) rule

[SYB_CEINST_SEGLOG_MB_FREE_INFO](#) on page 79
Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGLOG_MB_FREE_WARN](#) on page 79
Cluster Instance Local TempDB: Log segment < value (MB free) rule

[SYB_CEINST_SEGUSAGE_SUSPECTDB](#) on page 80
Cluster Instance Local TempDB: Suspect (offline) Database Identified rule

[SYB_LOG_SUSPENDS](#) on page 92
Database is in LOG SUSPEND rule

[SYB_SEGUSAGE_LOGPERCENTUSED](#) on page 97
DEPRECATED: Log Segment utilization exceeds value rule

[SYB_SEGUSAGE_NONLOGPERCENTUSED](#) on page 98
DEPRECATED: NonLog Segment utilization exceeds value rule

[SYB_SEGUSAGE_PERCENTUSED](#) on page 99
DEPRECATED: Segment utilization exceeds value rule

[SYB_SEGUSAGE_SUSPECTDB](#) on page 99
Suspect (offline) Database Identified rule

[SYB_SEG_DATA_MB_FREE_CRITICAL](#) on page 100
Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_INFO](#) on page 101
Data segment < value (MB free) rule

[SYB_SEG_DATA_MB_FREE_WARN](#) on page 101
Data segment < value (MB free) rule

[SYB_SEG_DATA_PCNT_FULL_CRITICAL](#) on page 102
Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_INFO](#) on page 103
Data segment > value (percentage full) rule

[SYB_SEG_DATA_PCNT_FULL_WARN](#) on page 103
Data segment > value (percentage full) rule

[SYB_SEG_LOG_MB_FREE_CRITICAL](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_INFO](#) on page 104

Log segment < value (MB free) rule

[SYB_SEG_LOG_MB_FREE_WARN](#) on page 105

Log segment < value (MB free) rule

[SYB_SEG_LOG_PCNT_FULL_CRITICAL](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_INFO](#) on page 106

Log segment > value (percentage full) rule

[SYB_SEG_LOG_PCNT_FULL_WARN](#) on page 107

Log segment > value (percentage full) rule

SPINLOCK

Spinlock activity

ROWID

(INSTANCEID, SPINLOCKNAME)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
GRABS	double	Total number of grabs
SPINS	double	Total number of spins
WAITS	double	Total number of waits
GRABSWRAP	long	Internal-use number of grabs on wrapped counter; created by Surveillance
SPINSWRAP	long	Internal-use number of spins on wrapped counter; created by Surveillance
WAITSWRAP	long	Internal-use number of waits on wrapped counter; created by Surveillance
SPINLOCKCOUNT	long	Number of spinlocks in the array associated with the spinlock name. For example, a partitioned data cache with 16 partitions might have 16 spinlocks in the array.
CONTENTION	double	Waits / Grabs; 0, if Grabs = 0
SPINLOCKSLLOTID	long	ID of first spinlock in each array
SPINLOCKNAME	string(80)	Spinlock name
MERGESTATUS	long	Internal-use merge status; created by Surveillance
GRABS_DELTA	double	Delta number of grabs
GRABS_RATE	double	Number of grabs per second, in interval
GRABS_OVERALL	double	Total number of grabs, since collection started

Name	Data Type	Description
SPINS_DELTA	double	Delta number of spins
SPINS_RATE	double	Number of spins per second, in interval
SPINS_OVERALL	double	Total number of spins, since collection started
WAITS_DELTA	double	Delta number of waits
WAITS_RATE	double	Number of waits per second, in interval
WAITS_OVERALL	double	Total number of waits, since collection started
CONTENTION_PCT	double	Contention %, since ASE instance started
CONTENTION_CUR_PCT	double	Contention %, in interval
CONTENTION_OVERALL_PCT	double	Contention %, since collection started
SPINS_PER_WAIT	double	Delta number of spins / delta number of waits
SPINS_PER_WAIT_OVERALL	double	Spins / Waits, since collection started

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[Spinlock Activity](#) on page 55
Spinlock activity

[SPINLOCK](#) on page 315
SPINLOCK store

SPINLOCK_FREQ

Spinlock usage histograms (frequency graphs)

ROWID

(INSTANCEID, SPINLOCKNAME, CATEGORY)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
SPINLOCKNAME	string(80)	Spinlock name
CATEGORY	string(12)	Histogram category (Contention, Grabs, Spins, Waits)
A	double	Start value of bucket, as a fraction 0.0 to 1.0 (where 1.0 = max spinlock value)
B	double	End value of bucket, as a fraction 0.0 to 1.0 (where 1.0 = max spinlock value)
BUCKET	string(68)	Description of bucket range

Name	Data Type	Description
FREQ	long	Frequency count

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[SPINLOCK_FREQ](#) on page 316
 SPINLOCK_FREQ store

SUSPECT_OBJECTS

Suspect objects

ROWID

None

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
TYPE	string(8)	Suspect object type (Index, Page)
OBJID	string(16)	Object ID or Page ID
OBJECT	string(256)	Object name
INDEX	string(8)	Index ID
INDNAME	string(256)	Index name
REASON	string(24)	Reason to consider the object suspect
ACCESS	string(40)	Access rights

Requirements

Attributes:	None
Minimum database version:	12.5.0.3

Related reference

[SUSPECT_OBJECTS](#) on page 270
 SUSPECT_OBJECTS store

SYSCONFIGURES

ASE instance settings, or parameters

ROWID

(INSTANCEID, CONFIG)

Columns

Name	Data Type	Description
INSTANCEID	long	Instance ID; 0 = non-CE
INSTANCE_NAME	string(32)	Instance name; blank = non-CE
PARAMNAME	string(244)	Parameter name
CONFIGVALUE	string(32)	Configured value for the parameter, in string format, if applicable
DEFAULT	string(32)	Default value for the parameter, in string format
MEMORYUSED	string(16)	Memory used by the parameter, in bytes
RUNVALUE	string(68)	Runtime value for the parameter, in string format
CONFIG	long	Parameter ID
VALUE	long	Runtime value for the parameter, in integer format, if applicable
ISDEFAULT	long	Whether both the configured value and the runtime value are the default value; 1 = yes, 0 = no
PARENT	long	Parent parameter ID; 0 = no parent; the child is a category, not a parameter setting
PARENTNAME	string(32)	Parent parameter name
UNIT	string(24)	Description of the units of measure for the parameter
TYPE	string(12)	Type of parameter (static, dynamic, read-only)
MERGESTATUS	long	Internal-use merge status; created by Surveillance
DELTAVALUE	double	Delta runtime value for the parameter
OLDVALUE	double	Old runtime value from previous interval

Requirements**Attributes:** None**Minimum database version:** 12.5.0.3**Related reference**[SYSCONFIGURES](#) on page 317

SYSCONFIGURES store

TIME_RANGE

Time ranges for resource limits

ROWID

None

Columns

Name	Data Type	Description
NAME	string(256)	Name of the time range
ID	long	ID of the time range; 1 = "at all times" range
STARTDAY	long	Start day of the week; 1 = Monday
ENDDAY	long	End day of the week; 7 = Sunday
STARTTIME	string(12)	Time of day to start
ENDTIME	string(12)	Time of day to end

Requirements

Attributes: None

Minimum database version: 12.5.0.3

Related reference

[TIME_RANGE](#) on page 317

TIME_RANGE store

TRANSLOG

Transaction log activity

ROWID

(NAME)

Columns

Name	Data Type	Description
NAME	string(32)	Database name
EST_LOG_RECORDS	long	Estimate of the number of log records in the database
LOG_SIZE	double	Allocated space for the transaction log, in bytes
APPENDLOGWAITPCT	double	% of append log requests that resulted in a wait
INSTANCEID	long	Instance ID; 0 = non-CE
MERGESTATUS	long	Internal-use merge status; created by Surveillance
LOG_SIZE_DELTA	double	Delta allocated space
LOG_SIZE_AVG	double	Average allocated space, since collection started
LOG_SIZE_MAX	double	Maximum allocated space, since collection started
LOG_SIZE_RATE	double	Allocated space per second, since collection started
LOG_SIZE_RATE_AVG	double	Average of allocated space per second, since collection started
LOG_SIZE_RATE_MAX	double	Maximum of allocated space per second, since collection started

Requirements

Attributes:	MDA
Minimum database version:	12.5.0.3

Related reference

[Transaction Log Usage](#) on page 49

Transaction log activity

[TRANSLOG](#) on page 271

TRANSLOG store

[SYB_TRANSLOG_APPEND_LOG_WAIT](#) on page 108

High contention with transferring transaction log pages rule

TRANSLGINFO

Transaction log extended information

ROWID

(DBNAME)

Note: Due to performance issues in an ASE function, this collection may take a long time, and thus be unusable.

Columns

Name	Data Type	Description
DBNAME	string(32)	Database name
FIRST_LOG_PAGE	long	Page # of the first log page
LAST_LOG_PAGE	long	Page # of the last log page
STP_PAGE	long	Page # of the secondary truncation point (STP)
CHECKPOINT_PAGE	long	Page # of the most recent checkpoint log record
CHECKPOINT_MARKER	double	Record ID (RID) of the most recent checkpoint log record
CHECKPOINT_DATE	time	Time of the most recent checkpoint log record
OLDEST_TRANS_PAGE	long	Page # of the oldest transaction during the most recent checkpoint
OLDEST_TRANS_MARKER	double	Record ID (RID) of the oldest transaction during the most recent checkpoint
OLDEST_TRANS_DATE	time	Time of the oldest transaction during the most recent checkpoint
UNTIL_TIME_PAGE	long	Page # for UNTIL_TIME_DATE
UNTIL_TIME_MARKER	double	RID for UNTIL_TIME_DATE
UNTIL_TIME_DATE	time	Latest time that could be in the dump that can be used by the "until time" clause of "load transaction"
TOTAL_PAGES	double	Number of pages between the first log page and the last log page

Name	Data Type	Description
STP_PAGES	double	Number of pages between the secondary truncation point (STP) and the oldest active transaction
ACTIVE_PAGES	double	Number of pages between the oldest transaction (during the most recent checkpoint) and the end of the log
INACTIVE_PAGES	double	Number of pages that will be truncated by the "dump transaction" command; number of log pages between the first log page and the first of (STP_PAGE or OLDEST_TRANS_PAGE)
OLDEST_ACTIVE_TRANS_PCT	double	% of the total log space assigned to the oldest active transaction in the log
OLDEST_ACTIVE_TRANS_SPID	long	Session process ID (SPID) having the oldest active transaction in the log
OLDEST_ACTIVE_TRANS_PAGE	long	Page # of the start of the oldest active transaction in the log; 0 = no active transaction
OLDEST_ACTIVE_TRANS_DATE	time	Time of the oldest active transaction in the log
IS_STP_BLOCKING_DUMP	string(4)	Whether the secondary truncation point (STP) is blocking a dump (Yes, No); whether the STP is before the start of the oldest active transaction
STP_SPAN_PCT	double	% of the total log space that is from the secondary truncation point (STP) to the end of the log
CAN_FREE_USING_DUMP_TRAN	double	% of the total log space that can be truncated with a "dump transaction" command (if the oldest active transaction is not aborted)
IS_DUMP_IN_PROGRESS	string(4)	Whether a "dump transaction" is currently in progress (Yes, No)
DATABASE_HAS_ACTIVE_TRANS	string(4)	Whether the database has any active transactions (Yes, No)
MERGESTATUS	long	Internal-use merge status; created by Surveillance

Requirements

Attributes: None

Minimum database version: 15.7

Related reference

[TRANSLOGINFO](#) on page 271
TRANSLOGINFO store

TWOPHASECOMM

Two-phase commit (2PC) transactions

ROWID

None

Columns

Name	Data Type	Description
COMMID	long	ID of two-phase commit
SUID	long	Server user ID, for XA transactions; -1 = Non-XA transaction
SUSERNAME	string(32)	Server user name, for XA transactions
START	time	Start time of transaction
LASTCHANGE	time	Last time the row was updated
TOTNUM	long	Total number of servers initially involved in the transaction
OUTNUM	long	Number of servers that have not yet completed
HEUR	string(8)	Was heuristically completed (yes, no)
STATUS	string(12)	Status of two-phase commit transaction (abort, begin, commit, prepare)
XID	string(284)	XA transaction ID (XID)
APPLNAME	string(32)	Application name
XACTNAME	string(32)	Transaction name
PASSWD	string(32)	Blank
BQUAL	string(512)	Binary version of the branch qualifier portion of XID
GTRID	string(512)	Binary version of the global transaction ID portion of XID

Requirements

Attributes: None

Minimum database version: 15.0

Related reference

[TWOPHASECOMM](#) on page 318
TWOPHASECOMM store

Chapter

8

Central Repository Schema

The table name in the Central Repository for a collection is a collector-specific prefix (i.e. OS), followed by an underscore (_), and then the collection name. For example, the OS collection GLOBALSTATS is exported to the table OS_GLOBALSTATS.

Column names are prefixed with "C_". Additional metadata columns are exported, as well: C_ENTITY_NAME, C_SAMPLE_HOST, C_SAMPLE_TIME. A few optional columns may be present to track various archive operations: IS_PEAK, ARCHIVES_STATUS.

