ASE 15.5 GA MDA Table

Data & Procedure Cache MDA Tables

Active Database, Object & Partition MDA Statistics

ASE Cluster Edition CIPC (Cluster Interconnect)

Java PCI Bridge MDA Tables

Locking & Contention MDA Tables

Server level MDA resource statistics for CPU, IO, etc.

Replication, Data Transfer and other data movement MDA Tables

Process (SPID) level detail for currently executing queries and aggregated connection information

Historical Process Statement Server Aggregated Stats MDA Tables

MDA Reference Data and Statistics Table

ASE Cluster Edition Cluster Cache Manager MDA tables

ASE Cluster Edition Logical Cluster & Workload Manager MDA tables

monProcedureCacheMemoryUsage

InstanceID	tinyint	<pk,fk>
AllocationID	int	<pk>
ModuleID	int	<pk,fk>
Active	int	
HWM	int	
ChunkHWM	int	
NumReuseCaused	int	
AllocationName	varchar(30)	<pk>

monProcedureCacheModuleUsage

InstanceID	tinyint	<pk>
ModuleID	int	<pk>
Active	int	
HWM	int	
NumPagesReused	int	
ModuleName	varchar(30)	

monProcedureCache

Requests	int	
Loads	int	
Writes	int	
Stalls	int	
InstanceID	tinyint	<pk>

monStatementCache

InstanceID	tinyint	<pk>
TotalSizeKB	int	
UsedSizeKB	int	
NumStatements	int	
NumSearches	int	
HitCount	int	
NumInserts	int	
NumRemovals	int	
NumRecompilesSchemaChanges	int	
NumRecompilesPlanFlushes	int	

monCachedStatement

InstanceID	tinyint	<pk>
SSQLID	int	<pk>
HashKey	int	<pk>
UserID	int	
SUserID	int	
DBID	smallint	
UseCount	int	
StatementSize	int	
MinPlanSizeKB	int	
MaxPlanSizeKB	int	
CurrentUsageCount	int	
MaxUsageCount	int	
NumRecompilesSchemaChanges	int	
NumRecompilesPlanFlushes	int	
HasAutoParams	tinyint	
ParallelDegree	tinyint	
QuotedIdentifier	tinyint	
TransactionIsolationLevel	tinyint	
TransactionMode	tinyint	
SAAuthorization	tinyint	
SystemCatalogUpdate	tinyint	
MetricsCount	int	
MinPIO	int	
MaxPIO	int	
AvgPIO	int	
MinLIO	int	
MaxLIO	int	
AvgLIO	int	
MinCpuTime	int	
MaxCpuTime	int	
AvgCpuTime	int	
MinElapsedTime	int	
MaxElapsedTime	int	
AvgElapsedTime	int	
DBName	varchar(30)	
CachedDate	datetime	
LastUsedDate	datetime	
LastRecompiledDate	datetime	

monCachePool

CachedID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
IOBufferSize	int	<pk>
AllocatedKB	int	
PhysicalReads	int	
Stalls	int	
PagesTouched	int	
PagesRead	int	
BuffersToMRU	int	
BuffersToLRU	int	
CacheName	varchar(30)	<pk,fk>

monDataCache

CachedID	int	<pk>
InstanceID	tinyint	<pk>
RelaxedReplacementPool	int	
BufferPools	int	
CacheSearches	int	
PhysicalReads	int	
LogicalReads	int	
PhysicalWrites	int	
Stalls	int	
CachePartitions	smallint	
CacheName	varchar(30)	<pk>

monCachedObject

CachedID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
DBID	int	<pk>
IndexID	int	<pk>
PartitionID	int	<pk>
CacheHitCnt	int	
CacheName	varchar(30)	<pk,fk>
ObjectID	int	<pk>
DBName	varchar(30)	<pk>
OwnerUserID	int	
OwnerName	varchar(30)	
ObjectName	varchar(30)	<pk>
PartitionName	varchar(30)	
ObjectType	varchar(30)	
TotalSizeKB	int	
ProcessesAccessing	int	

monCachedProcedures

ObjectID	int	<pk>
InstanceID	tinyint	<pk>
OwnerUID	int	<pk>
DBID	int	<pk>
PlanID	int	<pk>
MemUsageKB	int	
CompileDate	datetime	<pk>
ObjectName	varchar(30)	<pk>
ObjectType	varchar(30)	
OwnerName	varchar(30)	<pk>
DBName	varchar(30)	<pk>
RequestCnt	int	
TempdbRemapCnt	int	
AvgTempdbRemapTime	int	

monTempdbActivity

DBID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
AppendLogRequests	int	
AppendLogWaits	int	
DBName	varchar(30)	<pk,fk>
LogicalReads	int	
PhysicalReads	int	
APFReads	int	
PagesRead	int	
PhysicalWrites	int	
PagesWritten	int	
LockRequests	int	
LockWaits	int	
CatLockRequests	int	
CatLockWaits	int	
AssignedCnt	int	
SharableTabCnt	int	

monOpenDatabases

DBID	int	<pk>
InstanceID	tinyint	<pk>
BackupInProgress	int	
LastBackupFailed	int	
TransactionLogFull	int	
SuspendedProcesses	int	
AppendLogRequests	int	
AppendLogWaits	int	
DBName	varchar(30)	<pk>
BackupStartTime	datetime	
LastCheckpointTime	datetime	
LastTranLogDumpTime	datetime	
QuiesceTag	varchar(30)	

monDBRecoveryLRTypes

DBID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
NumRecs	int	
LogRecType	varchar(30)	

monDBRecovery

DBID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
MaxOpenXacts	int	
MaxPFTSEntries	int	
BuckPF	int	
LogRToPages	int	
LogRTotAPFWaited	int	
LogRTotIO	int	
AnRToRec	int	
AnRPhase1Recs	int	
AnRPhase1RedoRecs	int	
AnRPhase2Recs	int	
AnRPhase2RedoRecs	int	
AnRToPages	int	
AnRTotAPFWaited	int	
AnRTotIO	int	
RedoOps	int	
RedoOpsNotRedonePFTS	int	
RedoOpsRedonePFTS	int	
RedoOpsRedoneTS	int	
RedoOpsNotRedoneTS	int	
RedoLogToPages	int	
RedoLogTotAPFWaited	int	
RedoLogTotIO	int	
RedoRecToPages	int	
RedoRecTotAPFWaited	int	
RedoRecTotIO	int	
UndoRecsUndone	int	
UndoLogToPages	int	
UndoLogTotAPFWaited	int	
UndoLogTotIO	int	
UndoRecToPages	int	
UndoRecTotAPFWaited	int	
UndoRecTotIO	int	
DBName	varchar(30)	<pk,fk>
FailedInstances	varchar(96)	
Command	varchar(30)	
RecType	varchar(30)	
LogBStartTime	datetime	
LogBEndTime	datetime	
AnRStartTime	datetime	
AnREndTime	datetime	
RedoBStartTime	datetime	
RedoREndTime	datetime	
UndoBStartTime	datetime	
UndoREndTime	datetime	

monCMSFailover

InstanceID	tinyint	<pk>
FailedInstanceID	varchar(96)	<pk>
FailDetectTime	datetime	<pk>
InitViewTime	datetime	
FinalViewTime	datetime	
ResyncHBTime	datetime	
NotifyFailTime	datetime	
EventdoneTime	datetime	

monFailoverRecovery

InstanceID	tinyint	<pk>
ModuleName	varchar(30)	<pk>
FailedInstances	varchar(96)	
StartTime	datetime	<pk>
EndTime	datetime	

monPCM

InstanceId	tinyint	<pk,fk>
Sent	int	
Fragments_sent	int	
Fragments_received	int	
Received	int	
Reply	int	
Unicast	int	
Multicast	int	
Sync	int	
Async	int	
MsgBytes	int	
AvgBytes	int	
MaxBytes	int	
MinDialog	int	
AvgDialog	int	
MaxDialog	int	
Dialog	int	
MinTimeSyncApi	real	
AvgTimeSyncApi	real	
MaxTimeSyncApi	real	
MinTimeAsyncApi	real	
AvgTimeAsyncApi	real	
MaxTimeAsyncApi	real	
MinTimeCIPCMsgAlloc	real	
AvgTimeCIPCMsgAlloc	real	
MaxTimeCIPCMsgAlloc	real	
MinTimeCIPCSendCB	real	
AvgTimeCIPCSendCB	real	
MaxTimeCIPCSendCB	real	
MinTimeCIPCUnicastmsg	real	
AvgTimeCIPCUnicastmsg	real	
MaxTimeCIPCUnicastmsg	real	
MinTimeCIPCMulticastmsg	real	
AvgTimeCIPCMulticastmsg	real	
MaxTimeCIPCMulticastmsg	real	
MinTimeClientRecvCB	real	
AvgTimeClientRecvCB	real	
MaxTimeClientRecvCB	real	
ModuleName	varchar(32)	

monCIPCMesh

InstanceID	tinyint	<pk,fk1>
FarInstanceID	tinyint	<pk,fk2>
Received	int	
Dropped	int	
TransmitMsg	int	
Resent	int	
Retry	int	
ControlRx	int	
ControlTx	int	
SendQ	int	
MaxSendQ	int	
SendQ	int	
MaxSendQ	int	
MaxSendQTime	real	
AvgSendQTime	real	
Mesh	varchar(30)	
MinRTT	int	
MaxRTT	int	
AverageRTT	int	

monCIPC

InstanceID	tinyint	<pk>
ReceiveCount	int	
TransmitCount	int	
Multicast	int	
Synchronous	int	
ReceiveSoftError	int	
ReceiveHardError	int	
TransmitSoftError	int	
TransmitHardError	int	
Retransmits	int	
Switches	int	
FailedSwitches	int	
RegularBuffersInUse	int	
FreeRegularBuffers	int	
MaxRegularBuffersInUse	int	
LargeBuffersInUse	int	
FreeLargeBuffers	int	
MaxLargeBuffersInUse	int	

monCIPCLinks

InstanceID	tinyint	<pk,fk>
LocalInterface	varchar(30)	<pk>
RemoteInterface	varchar(30)	<pk>
PassiveState	varchar(10)	
PassiveStateAge	int	
ActiveState	varchar(10)	
ActiveStateAge	int	

monCIPCEndpoints

InstanceID	tinyint	<pk,fk>
ReceiveCount	int	
TransmitCount	int	
ReceiveBytes	int	
TransmitBytes	int	
ReceiveQ	int	
MaxReceiveQ	int	
DoneQ	int	
MaxDoneQ	int	
MaxRecvQTime	real	
AvgRecvQTime	real	
EndPoint	varchar(30)	<pk>

monPCIBridge

InstanceID	tinyint	<pk>
Status	char(10)	
ConfiguredSlots	int	
ActiveSlots	int	
ConfiguredPCIMemoryKB	int	
UsedPCIMemoryKB	int	

monPCIEngine

InstanceID	tinyint	<pk,fk>
engine	int	<pk,fk>
Status	char(10)	
PLBStatus	char(10)	
NumberofActiveThreads	int	
PLBRequests	int	
PLBwakeupRequests	int	

monPCISlots

InstanceID	tinyint	<pk,fk>
Slot	int	<pk>
Status	char(10)	
ModuleName	varchar(30)	
engine	int	<pk,fk>

monEngine

EngineNumber	smallint	<pk>
InstanceID	tinyint	<pk>
CurrentKPID	int	
PreviousKPID	int	
CPUTime	int	
SystemCPUTime	int	
UserCPUTime	int	
IOCPUTime	int	
IdleCPUTime	int	
Yields	int	
Connections	int	
DiskIOChecks	int	
DiskIOPolled	int	
DiskIOCompleted	int	
DiskIOOutstanding	int	
ProcessesAffinited	int	
ContextSwitches	int	
HkgcMaxQSize	int	
HkgcPendingItems	int	
HkgcWriteMems	int	
HkgcOverflows	int	
Status	varchar(20)	
StartTime	datetime	
StopTime	datetime	
AffinitiedToCPU	int	
OSPID	int	

monState

InstanceID	tinyint	<pk>
LockWaitThreshold	int	
LockWaits	int	
DaysRunning	int	
CheckPoints	int	
NumDeadlocks	int	
DiagnosticDumps	int	
Connections	int	
MaxRecovery	int	
Transactions	int	
StartDate	datetime	
CountersCleared	datetime	

monLicense

InstanceID	tinyint	<pk>
Quantity	int	
Name	varchar(30)	<pk>
Edition	varchar(30)	<pk>
Type	varchar(64)	<pk>
Version	varchar(16)	<pk>
Status	varchar(30)	
LicenseExpiry	datetime	
GraceExpiry	datetime	
LicenseID	varchar(150)	
Filter	varchar(14)	
Attributes	varchar(64)	

monDeviceIO

InstanceID	tinyint	<pk>
Reads	int	
APFReads	int	
Writes	int	
DevSemaphoreRequests	int	
DevSemaphoreWaits	int	
IOTime	int	
LogicalName	varchar(30)	<pk>
PhysicalName	varchar(128)	

monOQueue

InstanceID	tinyint	<pk,fk>
IOs	int	
IOTime	int	
LogicalName	varchar(30)	<pk,fk>
IOType	varchar(12)	<pk>

monLocks

SPID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
KPID	int	<pk,fk>
DBID	int	<pk>
ParentSPID	int	
LockID	int	<pk>
Context	int	
DBName	varchar(30)	
ObjectID	int	
LockState	varchar(20)	
LockType	varchar(20)	
LockLevel	varchar(30)	
TableID	int	
PageNumber	int	
RowNumber	int	
BlockedState	varchar(64)	
BlockedBy	int	
SourceCodeID	varchar(30)	

monDeadLock

DeadlockID	int	<pk>
VictimKPID	int	<fk>
InstanceID	tinyint	<pk,fk1,fk2,fk3>
ResolveTime	datetime	
ObjectDBID	int	
PageNumber	int	
RowNumber	int	
HeldFamilyID	int	
HeldSPID	int	<fk1>
HeldKPID	int	<fk1>
HeldProcDBID	int	
HeldProcedureID	int	
HeldBatchID	int	
HeldContextID	int	
HeldLineNumber	int	
WaitFamilyID	int	
WaitSPID	int	<fk2>
WaitKPID	int	<fk2>
WaitTime	int	
ObjectName	varchar(30)	
HeldUserName	varchar(30)	
HeldAppName	varchar(30)	
HeldTranName	varchar(255)	
HeldLockType	varchar(20)	
HeldCommand	varchar(30)	
WaitUserName	varchar(30)	
WaitLockType	varchar(20)	
HeldSourceCodeID	varchar(30)	
WaitSourceCodeID	varchar(30)	

monSysWaits

InstanceID	tinyint	<pk>
WaitEventID	smallint	<pk,fk>
WaitTime	int	
Waits	int	

monWaitClassInfo

WaitClassID	smallint	<pk>
Description	varchar(55)	

monWaitEventInfo

WaitEventID	smallint	<pk>
WaitClassID	smallint	<fk>
Description	varchar(55)	

monLogicalClusterInstance

LCID	int	<pk,fk>
InstanceID	tinyint	<pk>
ActiveConnections	int	
NonMigConnections	int	
NonHAConnections	int	
LoadScore	real	
LogicalClusterName	varchar(30)	<pk,fk>
InstanceName	varchar(30)	<pk>
Type	varchar(20)	
FailoverGroup	tinyint	
State	varchar(20)	

monLogicalCluster

LCID	int	<pk>
Attributes	int	
ActiveConnections	int	
BaseInstances	tinyint	
ActiveBaseInstances	tinyint	
FailoverInstances	tinyint	
ActiveFailoverInstances	tinyint	
Name	varchar(30)	<pk>
State	varchar(20)	
DownRoutingMode	varchar(20)	
FailoverMode	varchar(30)	
FailoverRecovery	varchar(30)	
StartupMode	varchar(30)	
SystemView	varchar(30)	
Roles	varchar(30)	
LoadProfile	varchar(30)	
ActionRelease	varchar(30)	
Gather	varchar(30)	

monLogicalClusterAction

Handle	int	<pk>
LCID	int	<pk,fk>
InstancesWaiting	int	
StartTime	datetime	
ConnectionsRemaining	int	
NonMigConnections	int	
NonHAConnections	int	
State	varchar(20)	
LogicalClusterName	varchar(30)	<pk,fk>
Action	varchar(30)	<pk>
FromInstances	varchar(96)	
ToInstances	varchar(96)	
WaitType	varchar(20)	
Deadline	datetime	
CompleteTime	datetime	

monLogicalClusterRoute

LCID	int	<pk,fk>
LogicalClusterName	varchar(30)	<pk,fk>
RouteType	varchar(20)	<pk>
RouteKey	varchar(30)	

monCLMObjectActivity

InstanceID	tinyint	<pk>
DBID	int	<pk>
Object_PartitionID	int	<pk>
LockRequests	int	
LocalMaster	int	
Waited	int	
Granted	int	
WWConflictWaited	int	
AvgWWConflictWaitTime	real	
MaxWWConflictWaitTime	real	
WWConflictWaited	int	
AvgWWConflictWaitTime	real	
MaxWWConflictWaitTime	real	
ClusterHeartbeats	int	
AvgClusterMsgWaitTime	real	
MaxClusterMsgWaitTime	real	
DowngradeRequest	int	
DowngradeRequestWaitForBlocker	int	
ClusterDeadlock	int	
LockType	varchar(20)	

monClusterCacheManager

InstanceID	tinyint	<pk>
RequestsQueued	int	
RequestsRequeued	int	
RequestsServiced	int	
DiskWrites	int	
SleepCount	int	
DBNameName	varchar(30)	
TransferInitiated	int	
DowngradeIn	int	
Releases	int	
AvgServiceTime	real	
MaxQSize	int	

monSysLoad

StatisticID	smallint	<pk>
InstanceID	tinyint	<pk,fk>
EngineNumber	smallint	<pk,fk>
Sample	real	
SteadyState	real	
Avg_1min	real	
Avg_5min	real	
Avg_15min	real	
Peak	real	
Max_1min	real	
Max_5min	real	
Max_15min	real	
Peak_Time	datetime	
Max_1min_Time	datetime	
Max_5min_Time	datetime	
Max_15min_Time	datetime	
statistic	varchar(30)	<pk>

monWorkloadRaw

InstanceID	tinyint	<pk,fk>
ConnectionsRaw	real	
CpuRaw	real	
RunQueueRaw	real	
IoLoadRaw	real	
EngineRaw	real	
UserRaw	real	
InstanceName	varchar(30)	<pk,fk>

monWorkloadPreview

InstanceID	tinyint	<pk,fk>
LoadProfileID	tinyint	<pk,fk1>
LoadScore	real	
ConnectionsScore	real	
CpuScore	real	
RunQueueScore	real	
IoLoadScore	real	
EngineScore	real	
UserScore	real	
InstanceName	varchar(30)	<pk,fk2>
LoadProfileName	varchar(30)	<pk,fk1>

monWorkload

LCID	int	<pk,fk1>
InstanceID	tinyint	<pk,fk1,fk2>
LoadProfileID	tinyint	<pk,fk2,fk3>
LoadScore	real	
ConnectionsScore	real	
CpuScore	real	
RunQueueScore	real	
IoLoadScore	real	
EngineScore	real	
UserScore	real	
LogicalClusterName	varchar(30)	<pk,fk1>
InstanceName	varchar(30)	<pk,fk2>
LoadProfileName	varchar(30)	<pk,fk2,fk3>

monWorkloadProfile

ProfileID	int	<pk>
ConnectionsWeight	tinyint	
CpuWeight	tinyint	
RunQueueWeight	tinyint	
IoLoadWeight	tinyint	
EngineWeight	tinyint	
UserWeight	tinyint	
LoginThreshold	tinyint	
DynamicThreshold	tinyint	
Hysteresis	tinyint	
Name	varchar(30)	<pk>
Type	varchar(20)	

monProcess

SPID	int	<pk>
InstanceID	tinyint	<pk>
KPID	int	<pk>
ServerUserID	int	
BatchID	int	
ContextID	int	
LineNumber	int	
DBID	int	
EngineNumber	smallint	
Priority	int	
FamilyID	int	
Login	varchar(30)	
Application	varchar(30)	
Command	varchar(30)	
NumChildren	int	
SecondsWaiting	int	
WaitEventID	smallint	
BlockingSPID	int	
BlockingXLOID	int	
DBName	varchar(30)	
EngineGroupName	varchar(30)	
ExecutionClass	varchar(30)	
MasterTransactionID	varchar(255)	

monProcessStatement

SPID	int	<fk>
InstanceID	tinyint	<fk>
KPID	int	<fk>
DBID	int	
ProcedureID	int	
PlanID	int	
BatchID	int	
ContextID	int	
LineNumber	int	
StartTime	int	
WaitTime	int	
MemUsageKB	int	
PhysicalReads	int	
LogicalReads	int	
PagesModified	int	
PacketsSent	int	
PacketsReceived	int	
NetworkPacketSize	int	
PlansAltered	int	
RowsAffected	int	
ErrorStatus	int	
HashKey	int	<fk2>
SsqlId	int	<fk2>
ProcNestLevel	int	
StatementNumber	int	
DBName	varchar(30)	
StartTime	datetime	
EndTime	datetime	

monProcessSQLText

SPID	int	<fk>
InstanceID	tinyint	<fk>
KPID	int	<fk>
BatchID	int	
LineNumber	int	
SequenceInLine	int	
SQLText	varchar(255)	

monProcessObject

SPID	int	<pk,fk>
InstanceID	tinyint	<pk,fk1,fk2>
KPID	int	<pk,fk2>
DBID	int	<pk,fk1>
ObjectID	int	<pk,fk1>
PartitionID	int	<pk,fk1>
IndexID	int	<pk,fk1>
OwnerUserID	int	
LogicalReads	int	
PhysicalReads	int	
PhysicalAPFReads	int	
DBName	varchar(30)	<pk,fk1>
ObjectName	varchar(30)	<pk,fk1>
PartitionName	varchar(30)	<pk,fk1>
ObjectType	varchar(30)	
PartitionSize	int	

monProcessLookup

SPID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
KPID	int	<pk,fk>
Login	varchar(30)	
Application	varchar(30)	
ClientHost	varchar(30)	
ClientIP	varchar(64)	
ClientOSPID	varchar(30)	

monProcessActivity

SPID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
KPID	int	<pk,fk>
ServerUserID	int	
CPUTime	int	
WaitTime	int	
PhysicalReads	int	
LogicalReads	int	
PagesRead	int	
PhysicalWrites	int	
PagesWritten	int	
MemUsageKB	int	
LockHeld	int	
TableAccesses	int	
IndexAccesses	int	
TempDbObjects	int	
WorkTables	int	
ULCBytesWritten	int	
ULCFlushes	int	
ULCFlushFull	int	
ULCMaxUsage	int	
ULCCurrentUsage	int	
Transactions	int	
Commits	int	
Rollbacks	int	

monErrorLog

SPID	int	<pk,fk2>
InstanceID	tinyint	<pk,fk1,fk2>
KPID	int	<pk,fk2>
FamilyID	int	
EngineNumber	smallint	<pk,fk1>
ErrorNumber	int	<pk>
Severity	int	
State	int	
Time	datetime	<pk>
ErrorMessage	varchar(512)	

monProcessProcedures

SPID	int	<pk,fk2>
InstanceID	tinyint	<pk,fk1,fk2>
KPID	int	<pk,fk2>
DBID	int	<pk,fk1>
OwnerUID	int	<pk,fk1>
ProcedureID	int	<pk,fk1>
PlanID	int	<pk,fk1>
LineNumber	int	
DatetimeNumber	int	
DBName	varchar(30)	<pk,fk1>
OwnerName	varchar(30)	<pk,fk1>
ObjectName	varchar(30)	<pk,fk1>
ObjectType	varchar(32)	

monProcessStatement

SPID	int	<fk>
InstanceID	tinyint	<fk>
KPID	int	<fk>
DBID	int	
ProcedureID	int	
PlanID	int	
BatchID	int	
ContextID	int	
LineNumber	int	
StartTime	int	
WaitTime	int	
MemUsageKB	int	
PhysicalReads	int	
LogicalReads	int	
PagesModified	int	
PacketsSent	int	
PacketsReceived	int	
NetworkPacketSize	int	
PlansAltered	int	
RowsAffected	int	
ErrorStatus	int	
HashKey	int	<fk2>
SsqlId	int	<fk2>
ProcNestLevel	int	
StatementNumber	int	
DBName	varchar(30)	
StartTime	datetime	
EndTime	datetime	

monSysPlanText

SPID	int	<pk,fk1,fk2>
InstanceID	tinyint	<pk,fk1,fk2>
KPID	int	<pk,fk1,fk2>
PlanID	int	
BatchID	int	<pk,fk2>
ContextID	int	<pk>
SequenceNumber	int	<pk>
DBID	int	
ProcedureID	int	
DBName	varchar(30)	
PlanText	varchar(160)	

monSysSQLText

SPID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
KPID	int	<pk,fk>
ServerUserID	int	
BatchID	int	<pk>
SequenceInBatch	int	<pk>
SQLText	varchar(255)	

monProcessWorkerThread

SPID	int	<pk,fk1,fk2>
InstanceID	tinyint	<pk,fk1>
KPID	int	<pk,fk1>
ThreadsActive	int	
MaxParallelDegree	smallint	
MaxScanParallelDegree	smallint	
ParallelQueries	int	
PlansAltered	int	
FamilyID	int	

monProcessNetIO

SPID	int	<fk>
InstanceID	tinyint	<fk>
KPID	int	<fk>
NetworkPacketSize	int	
PacketsSent	int	
PacketsReceived	int	
BytesSent	int	
BytesReceived	int	
NetworkEngineNumber	smallint	

monSysWorkerThread

InstanceID	tinyint	
ThreadsActive	int	
TotalWorkerThreads	int	
HighWater	int	
ParallelQueries	int	
PlansAltered	int	
WorkerMemory	int	
TotalWorkerMemory	int	
WorkerMemoryHWM	int	
MaxParallelDegree	int	
MaxScanParallelDegree	int	

monNetworkIO

InstanceID	tinyint	
PacketsSent	int	
PacketsReceived	int	
BytesSent	int	
BytesReceived	int	

monProcessMigration

SPID	int	<pk,fk1>
InstanceID	tinyint	<pk,fk1,fk2>
KPID	int	<pk,fk1>
LogicalCluster	varchar(30)	<pk,fk2>
Instance	varchar(30)	<pk>
MigratingLogicalCluster	varchar(30)	<pk,fk3>
MigratingInstance	varchar(30)	<pk,fk3>
Command	varchar(30)	

monTables

TableID	int	<pk>
Columns	tinyint	
Parameters	tinyint	
Indicators	int	
Size	int	
TableName	varchar(30)	<pk>
Description	varchar(368)	

monTableParameters

TableID	int	<pk,fk>
ParameterID	int	<pk>
TypeID	int	
Precision	tinyint	
Scale	tinyint	
Length	smallint	
TableName	varchar(30)	<pk,fk>
ParameterName	varchar(30)	<pk>
TypeName	varchar(20)	
Description	varchar(255)	

monTableColumns

TableID	int	<pk,fk>
ColumnID	int	<pk>
TypeID	int	
Precision	tinyint	
Scale	tinyint	
Length	smallint	
Indicators	int	
TableName	varchar(30)	<pk,fk>
ColumnName	varchar(30)	<pk>
TypeName	varchar(20)	
Description	varchar(255)	

monTableTransfer

InstanceID	tinyint	<pk,fk>
DBID	smallint	<pk,fk>
TableID	int	<pk,fk>
SequenceID	int	<pk>
PercentDone	smallint	
BeginTime	datetime	
TransferFloor	bigint	
TransferCeiling	bigint	
RowsSent	bigint	
BytesSent	bigint	
TableName	varchar(255)	<pk,fk>
TrackingID	int	
EndTime	datetime	
EndCode	smallint	
Format	varchar(8)	

monSQLRepActivity

DBID	int	<pk,fk>
ObjectID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
DBName	varchar(30)	<pk,fk>
ObjectName	varchar(30)	<pk,fk>
UpdateStmts	int	
InsertSelectStmts	int	
DeleteStmts	int	
SelectIntoStmts	int	
RowsThreshold	int	

monSQLRepMisses

DBID	int	<pk,fk>
ObjectID	int	<pk,fk>
InstanceID	tinyint	<pk,fk>
DBName	varchar(30)	<pk,fk>
ObjectName	varchar(30)	<pk,fk>
Threshold	int	
QueryLimitation	int	
Configuration	int	

monOpenObjectActivity

DBID	int	<pk,fk>
ObjectID	int	<pk,fk>
IndexID	int	<pk>
InstanceID	tinyint	<pk,fk>
DBName	varchar(30)	<pk,fk>
ObjectName	varchar(30)	<pk>
LogicalReads	int	
PhysicalReads	int	
APFReads	int	
PagesRead	int	
PhysicalWrites	int	
PagesWritten	int	
RowsInserted	int	
RowsDeleted	int	
RowsUpdated	int	
Operations	int	
LockRequests	int	
LockWaits	int	
OptSelectCount	int	
LastOptSelectDate	datetime	
UsedCount	int	
LastUsedDate	datetime	
HkgcRequests	int	
HkgcPending	int	
HkgcOverflows	int	
PhysicalLocks	int	
PhysicalLocksRetained	int	
PhysicalLocksRetainWaited	int	
PhysicalLocksDeadlocks	int	
PhysicalLocksWaited	int	
PhysicalLocksPageTransfer	int	
TransferReqWaited	int	
AvgPhysicalLockWaitTime	real	
AvgTransferReqWaitTime	real	
TotalServiceRequests	int	
PhysicalLocksDowngraded	int	
PagesTransferred	int	
ClusterPageWrites	int	
AvgServiceTime	real	
AvgTimeWaitedOnLocalUsers	real	
AvgTransferSendWaitTime	real	
AvgIOServiceTime	real	
AvgDowngradeServiceTime	real	

monOpenPartitionActivity

DBID	int	<pk,fk>
ObjectID	int	<pk,fk>
IndexID	int	<pk>
PartitionID	int	<pk>
InstanceID	tinyint	<pk,fk>
DBName	varchar(30)	<pk,fk>
ObjectName	varchar(30)	<pk,fk>
PartitionName	varchar(30)	<pk>
LogicalReads	int	
PhysicalReads	int	
APFReads	int	
PagesRead	int	
PhysicalWrites	int	
PagesWritten	int	
RowsInserted	int	
RowsDeleted	int	
RowsUpdated	int	
OptSelectCount	int	
LastOptSelectDate	datetime	
UsedCount	int	
LastUsedDate	datetime	
HkgcRequests	int	
HkgcPending	int	
HkgcOverflows	int	
PhysicalLocksRetained	int	
PhysicalLocksRetainWaited	int	
PhysicalLocksDeadlocks	int	
PhysicalLocksWaited	int	
PhysicalLocksPageTransfer	int	
TransferReqWaited	int	
AvgPhysicalLockWaitTime	real	
AvgTransferReqWaitTime	real	
TotalServiceRequests	int	
PhysicalLocksDowngraded	int	
PagesTransferred