Metric availability for instances hosted on the cloud

SQL Diagnostic Manager allows you to view a wide range of information collected for your PaaS monitored instances hosted on Amazon RDS and Microsoft SQL Azure (Azure SQL Database, elastic pool, and managed instances).

> ⊘ When monitoring Amazon RDS servers, SQL Diagnostic Manager cannot monitor or alert on SQL Agent jobs.

> ⚠ In addition, SQLDM supports monitoring of images hosted on virtualized or cloud IaaS environments such as SQL Server on Azure virtual machines and Amazon EC2. Monitoring a virtualized instance requires no cloud-specific configuration.

> ⊘ SQL Diagnostic Manager has new DBaaS metrics and alerts, for more information review the Metric Alerts.

To have more information on the metrics data that are available for cloud instances, select your preferred option:

- Available metrics for Amazon RDS and Microsoft SQL Azure in SQL Diagnostic Manager.
- Unavailable metrics for Amazon RDS and Microsoft SQL Azure in SQL Diagnostic Manager.

Available metrics for Amazon RDS and Microsoft SQL Azure in SQL Diagnostic Manager

For monitored SQL Server instances hosted on Amazon RDS

SQL Diagnostic Manager Area	Collected Metrics by Amazon RDS
Overview Details	Batches
	Batches Per Second
	Blocked Sessions
	Buffer Cache Hit Ratio
	Buffer Cache Size
	Checkpoint Writes
	Checkpoint Writes Per Second
	Client Computers
	Connections
	Connections Per Second
	Data File Count
	Data File Space Allocated
	Database Count
	Full Scans
	Full Scans Per Second
	Lazy Writer Writes
	Lazy Writer Writes Per Second
	Lead Blockers
	Lock Waits

Lock Waits Per Second
Log File Count
Log File Space Allocated
Log File Space Used
Log Flushes
Log Flushes Per Second
Maintenance Mode
OLE Automation Status
Open Transactions
OS Metrics Availability
Packet Errors
Packet Errors Per Second
Packets Received
Packets Received Per Second
Packets Sent
Packets Sent Per Second
Page Life Expectancy
Page Lookups
Page Lookups Per Second
Page Reads
Page Reads Per Second
Page Splits
Page Splits Per Second
Page Writes
Page Writes Per Second
Procedure Cache Hit Ratio
Read Ahead Pages
Read Ahead Pages Per Seconds
Read Write Errors
Response Time
Running Since
Server Version
Sql Compilations
Sql Compilations Per Second
Sql Memory Allocated
Sql Memory Used
Sql Recompilations
Sql Recompilations Per Second

	System Processes
	System Processes Consuming CPU
	User Connections Percent
	User Processes
	User Processes Consuming CPU
	WMI Service Status
	Workfiles Created
	Workfiles Created Per Second
	Worktables Created
	Worktables Created Per Second
Sessions Summary	Response Time
	Sessions
	Blocked Sessions
	Lock Statistics Average Wait Time
	Lock Statistics Deadlocks
	Lock Statistics Requests
	Lock Statistics Timeouts
	Lock Statistics Waits
	Lock Statistics Wait Time
Sessions Details	**Connection**
	User Session
	Status
	Host
	Net Library
	Network Address
	User
	Application
	Database
	Transaction Isolation Level
	Usage
	Login Time
	Last Activity
	Physical I/O
	CPU (ms)
	Memory (kb)
	Open Transactions
	Lock Information
	Wait Time (ms)

Blocking	
Blocking Count	
Tempdb Usage	
Version Store Elapsed Seconds	
Space Used in kb (Alloc / Dealloc)	
Session User Space	
Task User Space	
Session Internal Space	
Task Internal Space	
Last Command	

For monitored SQL Server instances hosted on Microsoft SQL Azure

SQL Diagnostic Manager Area	Collected Metrics by Microsoft SQL Azure
Overview Details	Response Time
Sessions Summary	Response Time
	Sessions
	Blocked Sessions
Sessions Details	**Connection**
	User Session
	Status
	Host
	User
	Execution Context
	Application
	Database
	Transaction Isolation Level
	Usage
	Login Time
	Last Activity
	Physical I/O
	CPU (ms)
	Memory (kb)
	Lock Information
	Wait Time (ms)
	Resource
	Blocking
	Blocking Count
	Tempdb Usage

Version Store Elapsed Seconds	
Space Used in kb (Alloc / Dealloc)	
Session User Space	
Task User Space	
Session Internal Space	
Task Internal Space	
Last Command	

Unavailable metrics for Amazon RDS and Microsoft SQL Azure in SQL Diagnostic Manager

SQL Diagnostic Manager allows you to view a wide range of information collected for your monitored SQL Server instances hosted on Amazon RDS and Microsoft SQL Azure. However, the following information and metric data are not available yet:

For monitored SQL Server instances hosted on Amazon RDS

SQL Diagnostic Manager area	Information and metric data not collected by Amazon RDS
Overview Details	Available Memory
	Data File Space used
	Disk Queue Length
	Disk Time (Percent)
	OS CPU Privileged Activity
	OS CPU User Time
	OS Total Processor Activity
	Pages Per Second
	Physical Memory
	Procedure Cache Size
	Processor Queue Length
	Sql CPU Activity
	Sql Memory Used Percent
	Used Memory (Percent)
Sessions Details	**Connection**
	Execution Context
	Usage
	Lock Information
	Lock Information
	Wait Type
	Resource

For monitored SQL Server instances hosted on Microsoft SQL Azure

SQL Diagnostic Manager area	Information and metric data not collected by Microsoft SQL Azure
Overview Details	Available Memory
	Batches
	Batches Per Second
	Blocked Sessions
	Buffer Cache Hit Ratio
	Buffer Cache Size
	Checkpoint Writes
	Checkpoint Writes Per Second
	Client Computers
	Connections
	Connections Per Second
	Data File Count
	Data File Space Allocated
	Data File Space used
	Database Count
	Disk Queue Length
	Disk Time (Percent)
	Full Scans
	Full Scans Per Second
	Lazy Writer Writes
	Lazy Writer Writes Per Second
	Lead Blockers
	Lock Waits
	Lock Waits Per Second
	Log File Count
	Log File Space Allocated
	Log File Space Used
	Log Flushes
	Log Flushes Per Second
	Maintenance Mode
	OLE Automation Status
	Open Transactions
	OS CPU Privileged Activity
	OS CPU User Time
	OS Metrics Availability
	OS Total Processor Activity
	Packet Errors

Packet Errors Per Second
Packets Received
Packets Received Per Second
Packets Sent
Packets Sent Per Second
Page Life Expectancy
Page Lookups Per Second
Page Reads
Page Reads Per Second
Page Splits
Page Splits Per Second
Page Writes
Page Writes Per Second
Pages Per Second
Physical Memory
Procedure Cache Hit ratio
Procedure Cache Size
Processor Queue Length
Read Ahead Pages
Read Ahead Pages Per Second
Read Write Errors
Running Since
Server Version
Sql Compilations
Sql Compilations Per Second
Sql CPU Activity
Sql Memory Allocated
Sql Memory Used
Sql Memory Used Percent
Sql Recompilations
Sql Recompilations Per Second
System Processes
System processes Consuming CPU
Used Memory(Percent)
User Connections Percent
User Processes
User Processes Consuming CPU
WMI Service Status

	Workfiles Created
	Workfiles Created Per Second
	Worktables Created
	Worktables Created Per Second
Sessions Summary	Lock Statistics Average Wait Time
	Lock Statistics Deadlocks
	Lock Statistics Requests
	Lock Statistics Timeouts
	Lock Statistics Waits
	Lock Statistics Wait Time
Sessions Details	**Connection**
	Net library
	Network Address
	Usage
	Open Transaction
	Lock Information
	Wait Type

IDERA | **Products** | **Purchase** | **Support** | **Community** | **Resources** | **About Us** | **Legal**