

Solutions: SQLServer

Versions supported: SQL2005, SQL2008, SQL2012, SQL2014, SQL2016

Description: The Longitude SQL Server solution provides comprehensive out-of-the-box monitoring for your database environment. Longitude proactively monitors key performance metrics to ensure that your databases are running optimally and alerts you when there is a problem. Longitude also provides pre-configured, on-demand reports and graphs of key performance metrics to help you proactively take action and ensure maximum availability.

Rule	Description
Sql_BufferCacheEfficiencyLow	Reports when the SQL Server data cache hit ratio is low.
Sql_LogsFull	Reports when the transaction logs associated with the databases hosted on the server are too full.
Sql_DiskSpaceLow	Reports when the disk space is low.
Sql_DiskBusyPctHigh	Reports when the disk utilization high.
Sql_ServiceNotRunning	Reports when a SQL Server service is not running.
Sql_LowFreeMemory	Reports when the percent of memory available to be used by SQL Server is low.
Sql_BlockedProcess	Reports when a SQL Server process is blocking another process.
Sql_HighCpuTimeProcesses	Reports when one or more SQL Server processes has used too much CPU time.
Sql_HighDiskReadTime	Reports when the average time (in seconds) to read data from the disk is too high.
Sql_HighDiskWriteTime	Reports when the average time (in seconds) to write data to the disk is too high.
Sql_HighPageRate	Reports when the rate at which pages are read from or written to disk to resolve hard page faults is too high. This counter is a primary indicator of the types of faults that cause system-wide delays.
Sql_HighProcessorPct	Reports when the percentage of time the processor is running non-idle threads is too high.
Sql_HighProcessorQueLen	Reports when the number of threads in the processor queue is too high. There is a single queue for processor time, even on computers with multiple processors. It shows ready threads only, not threads that are currently running.
Sql_LowAvailableMemory	Reports when the amount of physical memory (in MB) immediately available for allocation to a process, or for system use, is too low.
Sql_HighLockWaitTime	Reports when the average wait time for locks is too high, when evaluated against the historical average.
Sql_LockWaitOverThreshold	Reports when the average wait time for locks is too high.

Rule	Description
Sql_TooManyUserConnections	Reports when there are too many user connections.
Sql_ReplicationLatencyHigh	Reports when the latency of delivered transactions from the distributor to the subscriber is too high.
Sql_UnsafeAutoparamsHigh	Reports when the rate of unsafe auto-parameterization attempts is too high.
Sql_DataThroughputLow	Reports on the rate of data throughput by monitoring the rate of batch requests.
Sqs_JobFailures	Reports on job failures.
Sqs_TooFrequentQueries	Reports when a query is executed too frequently.
Sqs_HighIndexFragmentation	Reports on Indexes with a high percentage of fragmentation.
Sqs_HighLatchWaitTime	Reports when the average wait time for latches is too high.
Sqs_JobsTooLong	Reports when complete jobs have a duration that is too long.
Sqs_HighCpuQueries	Reports on queries for which the average CPU time is high.
Sqs_SlowQueries	Reports on queries for which the average elapsed time is high.

165 Bay State Drive
 Braintree, MA 02184
 Telephone: 800-229-6500 / 781-848-1701
www.heroix.com
support@heroix.com

Features and support may vary by platform. Heroix believes that the information in this document is accurate as of its publication date; such information is subject to change without notice. Heroix is not responsible for any inadvertent errors. Heroix, the Heroix logo, and Heroix Longitude are registered trademarks of Heroix. All other trademarks are property of their respective owners. © 2018 Heroix. All rights reserved.