Default alert IDs

Repository ID	Windows Event ID	Category	Metric Name	Metric Description
0	101	Resources	SQL Server CPU Usage (Percent)	Percentage of CPU Time used by the SQL Server instance out of the total on the SQL Server computer.
1	202	Sessions	User Connections (Percent)	Percentage of the user connections allowed by the currently used SQL Server instances.
4	708	Services	Non-distributed Transactions (Count)	Number of replication transactions published by the Publisher but not received by the Distributor.
5	809	Services	Unsubscribed Transactions (Count)	Number of replication transactions received by the Distributor but not received by a Subscriber.
6	910	Queries	Oldest Open Transaction (Minutes)	Time in minutes that the longest running transaction in the database used since issuing the BEGIN TRANSACTION statement.
7	1011	Databases	Table Fragmentation (Percent)	Percentage of pages in the table that are fragmented.
8	1112	Databases	Database Full (Percent)	Percentage of the allowable disk space for the database currently used by the sum of data, text, and indexes. Allowable disk space for the database is calculated by taking into account the current allocated space, auto-growth settings, and available disk space.
9	1213	Databases	Log Full (Percent)	Percentage of the allowable disk space for the database currently used by the transaction log. Allowable disk space for the database is calculated by taking into account the current allocated space, auto-growth settings and available disk space.
10	1314 - Running 1315 - Stopped 1316 - Other	Services	SQL Server Agent Status	Status of the SQL Server Agent service.
11	1417	Databases	Database Read/Write Error Occurred	An I/O error occurred while attempting to read from or write to a database file.
12	1518 - Running 1519 - Stopped 1520 - Paused 1521 - Not Admin 1522 Not Accessible 1523 - Other	Services	SQL Server Status	Status of the SQL Server service.
13	1624	Resources	SQL Server Memory Usage (Percent)	Percentage of memory used by the SQL Server instance out of the total memory on the SQL Server computer.
14	1725	Databases	Database Status	Operational status of the database, such as Normal, Offline, or Suspect.
17	2028	Services	Unsubscribed Transactions (Seconds)	Time in seconds that a replication transaction is holding at the Distributor and waiting for a Subscriber to receive it. This alert is for visual indicators in the Desktop Client only. No notifications are sent.
18	2129 - Running 2130 - Stopped 2131 - Other	Services	DTC Status	Status of the Distributed Transaction Coordinator service.
19	2232 - Running 2233 - Other	Services	Full-Text Search Status	Status of the Full-Text Search service.

20	N/A	Databases	Index Row hits (Percent)	Percentage of density of an index as used by the SQL Query Optimizer to determine index effectiveness. A high density indicates many duplicates and an inefficient index while a low density indicates high selectivity and an effective index. This alert is for visual indicators in the Desktop Client only. No notifications are sent.
21	N/A	Services	Last Full-Text Catalog Update (Hours)	Time (in hours) since the last Full-Text Catalog update was performed and beyond which the statistics data is considered outdated. This alert is for visual indicators in the Desktop Client only. No notifications are sent.
22	2534	Sessions	SQL Server Response Time (Milliseconds)	Time (in milliseconds) SQL diagnostic manager currently needs to send a simple SQL command to the SQL Server instance, have it processed, and receive the returned result set.
23	4010 - Available 4011 - Other 4012 - Disabled 4013 - Unavailable	Operational	OS Metrics Collection Status	Status of SQL diagnostic manager OS Metrics Collection.
24	4020	Resources	OS Used Memory (Percent)	Percentage of total memory used on the SQL Server computer.
25	4030	Resources	OS Paging (Per Second)	Page fault rate for all processes on the SQL Server computer.
26	4040	Resources	OS Process or Time (Percent)	Percentage of CPU time used by all processes on the SQL Server computer.
27	4050	Resources	OS Privileged Time (Percent)	Percentage of CPU time spent by all processes executing in privileged mode on the SQL Server computer.
28	4060	Resources	OS User Time (Percent)	Percentage of CPU time spent by all processes executing in user mode on the SQL Server computer.
29	4070	Resources	OS Process or Queue Length (Count)	Number of ready threads in the processor queue on the SQL Server Computer.
30	4080	Resources	OS Disk Time (Percent)	Percentage of elapsed time that all the disks were busy servicing read and write requests on the SQL Server computer.
31	4090	Resources	OS Average Disk Queue Length (Count)	Average number of both read and write requests queued for all the disks on the SQL Server computer.
32	2737	Sessions	Session CPU Time (Seconds)	CPU Time in seconds used by the SQL Server session since the last scheduled refresh.
33	2838	Sessions	Session CPU Time (Seconds)	Time in seconds that the SQL Server session is blocking other sessions.
34	2940	Services	SQL Server Agent Long Running Job	Percentage of time a scheduled SQL Server Agent job is taking over the average successful completion time for this job in the current job history.
35	3039	Services	SQL Server Agent Job Failure	The scheduled SQL Server Agent job ended with a Failed status.
48	4001 - Enabled 4002 - Disabled	Operational	Maintenance Mode Enabled	Maintenance Mode is enabled for the SQL Server instance. SQL diagnostic manager does not collect scheduled data or process alerts.
49	4200	Operational	CLR Enabled	The Common Language Runtime (CLR) configuration option is enabled for the SQL Server instance. You can run managed code in the .NET Framework.
50	4210	Operational	OLE Automation Disabled	The OLE Automation Procedures configuration option is disabled (2005) or the procedures were dropped (2000) for the SQL Server instance. SQL diagnostic manager does not use OLE automation to collect data such as OS metrics and service details.

51	4220	Queries	Query Monitor Events (Count)	The number of queries captured by the Query Monitor on the SQL Server instance during the last scheduled refresh.
52	4230	Operational	SQL diagnostic manager Collection Service Status	Status of the SQL diagnostic manager Collection Service.
53	4240	Operational	SQL Server Agent XPs Disabled	The Agent XPs configuration option is disabled (2005) or the procedures were dropped (2000) for the SQL Server instance. SQL diagnostic manager does not collect SQL Agent job details.
54	4250	Operational	WMI Service Unavailable	The WMI service is unavailable on the SQL Server computer. SQL diagnostic manager does not collect OS metrics.
57	4310	Sessions	Client Computers (Count)	Number of unique client computers connected to the SQL Server instance.
58	4320	Sessions	Blocked Sessions (Count)	Number of sessions on the SQL Server instance blocked by other sessions holding requested locks.
59	4330	Operational	SQL Server Data Used (Percent)	Percentage of allocated data space used across all data files on the SQL Server instance.
60	4340	Operational	SQL Server Log Used (Percent)	Percentage of allocated log space used across all log files on the SQL Server instance.
62	4110	Resources	OS Disk Time Per Disk (Percent)	Percentage of elapsed time that an individual disk was busy servicing read and write requests on the SQL Server computer. This event alerts separately for each disk on a server.
63	4120	Resources	OS Average Disk Queue Length Per Disk (Count)	Average number of both read and write requests queued for an individual disk on the SQL Server computer. This event alerts separately for each disk on a server.
64	4100	Resources	OS Disk Full (Percent)	Percentage of space used on a logical disk on the SQL Server computer. This event alerts separately for each disk on a server.
65	2940	Services	SQL Server Agent Long Running Job (Minutes)	Maximum number of minutes a scheduled SQL Server Agent job should take to complete.
66	4400	Logs	SQL Server Error Log	The number of error log events requiring attention based on either message severity or specified text.
67	4410	Logs	SQL Server Agent Log	The number of agent log events requiring attention based on either message severity or specified text. When configuring this alert, use the indicator or grid to specify which log message severity corresponds to warning or critical. Use the advanced options to specify additional filters.
68	5105	Databases	Mirroring Unsent Log (KB)	Size of the unsent log in the send queue on the principal in kilobytes.
69	5106	Databases	Mirroring Unrestored Log (KB)	Size of the redo queue on the mirror in kilobytes.
70	5107	Databases	Mirroring Oldest Unsent Transaction (Minutes)	The age of the oldest unsent transaction in minutes on the principal. This is only meaningful on the principal server instance.
71	5108	Databases	Mirror Commit Overhead (Milliseconds)	Average delay (in milliseconds) on the principal server instance for each transaction because of database mirroring.
72	5109	Databases	Mirroring Status	Status of the mirrored database such as synchronized suspended or disconnected.
73	5110	Databases	Mirroring Preferred Configuration	This operational configuration of this mirroring session changed.

74	5111	Databases	Mirrored Server Role Change	A mirrored database role changed.
75	5112	Databases	Mirroring Witness Connection	The mirroring witness is not connected.
76	4130	Resources	Page Life Expectancy	The number of seconds a page stays in the buffer pool without references.
77	4500	Services	Cluster Failover	A cluster failover has occurred.
78	4510	Services	Cluster Active Node	The active node of the cluster is a non-preferred node. The preferred node may be configured under Server Properties>Cluster Settings.
79	5120	Services	Distribution Latency (Seconds)	Time in seconds that a replication transaction has been holding at the Publisher and waiting to be received by a Distributor.
80	2840	Sessions	Deadlock	A deadlock occurred on the monitored server. Note that the Activity Monitor >Capture deadlocks (SQL 2005+) check box must be enabled for this alert to function.
81	4140	Resources	Procedure Cache Hit Ratio	The percentage of procedure cache hits to cache lookups.
82	4150	Resources	Average Disk Milliseconds Per Read	Average time in milliseconds of a read operation of data from the disk. This is a per-disk metric.
83	4160	Resources	Average Disk Milliseconds Per Transfer	Average time in milliseconds of a disk transfer operation. This is a per-disk metric.
84	4170	Resources	Average Disk Milliseconds Per Write	Average time in milliseconds of a write operation of data to the disk. This is a per-disk metric.
85	4180	Resources	Disk Reads Per Second	Rate of read operations on the disk. This is a per-disk metric.
86	4185	Resources	Disk Transfers Per Second	Rate of transfer operations on the disk. This is a per-disk metric.
87	4190	Resources	Disk Writes Per Second	Rate of write operations on the disk. This is a per-disk metric.
88	3140	Services	SQL Server Agent Job Completion	The SQL Server Agent job/step has completed.
89	5130	Databases	Version Store Generation Ratio	Amount in percent by which the tempdb version store generation rate exceeds the cleanup rate.This alert is only raised on instances running SQL Server 2005 or above.
90	5131	Databases	Version Store Size (MB)	Size in megabytes of the tempdb version. This alert is only raised on instances running SQL Server 2005 or above.
91	5135	Databases	Longest Running Version Store Transaction (Minutes)	Time in minutes that the longest version store transaction has been opened and preventing version store cleanup. This alert may only be raised on instances running SQL Server 2005 or above.
92	5136	Databases	Session Tempdb Space Usage (MB)	Amount of tempdb space being used by a running session. This alert is only raised on instances running SQL Server 2005 or above.
93	5132	Databases	Tempdb Contention (ms)	Current wait time for tempdb allocation maps (GAM SGAM and PFS) in milliseconds. This alert is only raised on instances running SQL Server 2005 or above.
94	1115	Databases	Log File Autogrow	Log file autogrow occurred on the specified database. Enable the "Activity Monitor>Capture Autogrow check box for this alert to function.
95	1116	Databases	Data File Autogrow	Data file autogrow occurred on the specified database. Enable the Activity Monitor>Capture Autogrow check box for this alert to function.

96	5200	Virtualization	VM Resource Configuration Change	A resource configuration change occurred for the virtual machine hosting the monitored SQL Server instance. This alert is enabled by default and is only relevant to instances hosted on VMWare vCenter virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
97	5201	Virtualization	VM Host Server Change	The virtual machine hosting the monitored SQL Server instance moved to a different host. This alert is disabled by default and is only relevant to instances hosted on VMWare vCenter which have been enabled for VM monitoring in the SQLdm VM Configuration window.
98	5202	Virtualization	VM CPU Usage (Percent)	The percentage of available virtual CPU time used by the virtual machine hosting the monitored SQL Server. This may differ from the processor utilization percentage reported by the guest OS. A high percentage may indicate a large number of active client sessions.This alert is disabled by default and is only relevant to instances hosted on virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
99	5250	Virtualization	Host CPU Usage (Percent)	The percentage of available CPU time used by the host server hosting the virtual machine on which the monitored SQL Server is currently running. This alert is enabled by default and is only relevant to instances hosted on virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
100	5203	Virtualization	VM Memory Usage (Percent)	The percentage of available memory used by the virtual machine hosting the monitored SQL Server. This may differ from the memory usage percentage reported by the guest OS. This alert is disabled by default and is only relevant to instances hosted on virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
101	5251	Virtualization	Host Memory Usage (Percent)	The percentage of available memory used by the host server hosting the virtual machine on which the monitored SQL Server is currently running. This alert is enabled by default and is only relevant to instances hosted on virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
102	5204	Virtualization	VM CPU Ready Wait Time	The time in milliseconds that a virtual CPU has been waiting for a physical CPU to become available for processing for the virtual machine on which the monitored SQL Server is currently running. A spike in this value may indicate CPU pressure on the host server. This alert is enabled by default and is only relevant to instances hosted on VMWare vCenter virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
103	5205	Virtualization	VM Reclaimed /Ballooned Memory (KB)	The amount of memory that has been reclaimed by host and is no longer available to the virtual machine on which the monitored SQL Server instance is running. A spike in this value may be a sign of memory pressure on the host. This alert is enabled by default and is only relevant to instances hosted on VMWare vCenter virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
104	5206	Virtualization	VM Memory Swap Delay Detected	Memory being swapped to disk is causing a performance delay on the virtual machine on which the monitored SQL Server instance is running. This is triggered if the Memory Swap In Rate (KB/s) or CPU Swap Rate (ms) counters are non-zero. This alert is enabled by default and is only relevant to instances hosted on VMWare vCenter virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
105	5252	Virtualization	Host Memory Swap Detected	Memory is being swapped to disk for the host server hosting the virtual machine on which the monitored SQL Server is currently running. This may be an indication of memory pressure on the host. This alert is disabled by default and is only relevant to instances hosted on VMWare vCenter which have been enabled for VM monitoring in the SQLdm VM Configuration window.
106	5207	Virtualization	VM Resource Limits Detected	Either CPU or memory resource limits are set for the virtual machine hosting the monitored SQL Server instance. Resource limits are soft limits set by the VM Administrator on the total amount of resources that a VM is allowed to consume. This alert is disabled by default and is only relevant to instances hosted on VMWare vCenter virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
107	5208	Virtualization	VM Power State	This is the state of the VM as reported by the vCenter or Hyper-V host servers. This alert is enabled by def ault and is only relevant to instances hosted on virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
108	5253	Virtualization	Host Power State	This is the state of the host as reported by the vCenter or Hyper-V host servers. This alert is enabled by de fault and is only relevant to instances hosted on virtual machines enabled for VM monitoring in the SQLdm VM Configuration window.
109	1113	Databases	Database Full (Size)	The amount of disk space (in MB) currently used by the database as the sum of data text and indexes. This value is the actual amount of used data within the database file not the size of the database file itself.
110	1214	Databases	Log Full (Size)	The amount of disk space (in MB) currently used by the transaction log for this database. This value is the actual amount of data within the log not the size of the database log file itself.
111	4101	Resources	OS Disk Free Space (Size)	Amount of space (in MB) available on a logical disk on the SQL Server computer.
116	5301	Databases	Availability Group Role Change	Primary role changed to a secondary replica. Alert includes affected database(s) for the entire availability group.
117	5302	Databases	Availability Group Estimated Data Loss (Seconds)	The time period in seconds that data is not synchronized to the secondary replica. Value reflects the time difference of the last commit between the primary and secondary replicas. Alert includes affected database (s).
118	5303	Databases	Availability Group Synchroniza tion Health	Reflects database synchronization state in the availability group. Possible values include: not healthy partially healthy and healthy.

119	5304	Databases	Availability Group Estimated Recovery Time (Seconds)	The required time in seconds that the secondary replica needs to catch up with the primary replica. Alert includes affected database(s).
120	5305	Databases	Availability Group Synchronization Performance (Seconds)	The time required in seconds to complete synchronization between the primary and secondary replicas.
121	5306	Databases	Availability Group Log Send Queue Size (KB)	Amount of log records in KB needed to ship to the secondary replica to complete synchronization. Alert includes affected database(s).
122	5307	Databases	Availability Group Redo Queue Size (KB)	Amount of log records from log files in KB that need redoing in the secondary replica to complete synchronization. Alert includes affected database(s).
123	5308	Databases	Availability Group Redo Rate (KB/s)	Rate in KB per second at which log records are redone in the secondary database to complete synchronization. Alert includes affected database(s).

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