

New features and fixed issues

SQL Diagnostic Manager provides the following new features and fixed issues:

10.5.1 New Features

- SQL Diagnostic Manager now includes a new Server Uptime report.
- This release includes three new default values for the History Browser range.
- The "Days since last backup" alert configuration includes the option to include or exclude Read-Only databases.

10.5.1 Fixed Issues

Alerts

- SQLDM-28938** The SQLDM Desktop Console now displays the correct alerts when hovering the mouse over an object on the Server pane.
- SQLDM-29434** Alert timeline view is now displaying the time based on the Operating System settings.
- SQLDM-29594** SQL Diagnostic Manager now correctly checks and alerts High Fragmentation on the databases.
- SQLDM-29840** Alert Suppression for the SQL Server Service metric is now working as expected.
- SQLDM-30434** Alert Responses no longer requires the 'Where Alert Rank' option to be enabled in order to be triggered as expected.

Upgrade

- SQLDM-30381** Upgrade attempts of SQL Diagnostic Manager should no longer encounter an error regarding a constraint on the CloudProviders table.
- SQLDM-30370** An issue preventing upgrades from versions 10.4.2 and 10.4.3 has been resolved.
- SQLDM-30369** The custom Dashboards are no longer being deleted when upgrading from SQLDM 10.4.

Azure

- SQLDM-29523** The snapshot data collection is no longer failing for Azure SQL PaaS instances.
- SQLDM-30299** SQL Diagnostic Manager now correctly monitors Azure DBaaS and is no longer displaying errors.
- SQLDM-30188** SQL Diagnostic Manager now correctly displays Session details on Azure SQL Database.
- SQLDM-30013** SQLDM now correctly displays databases hosted in Azure SQL PaaS.

Desktop Console

- SQLDM-29782** Powered off instances are no longer shown as active in the SQLDM console.
- SQLDM-30244** The SQLDM Desktop Console will now properly convert the timestamps to local time when viewing the backup/restore history of a database.
- SQLDM-30136** SQL Diagnostic Manager will now generate a warning when the SQLDM Desktop Console is launched if it determines that the license key will be expiring soon.

Custom Counters

SQLDM-30100 The Custom Counter reports now correctly displays data.

Query Waits

SQLDM-29671 SQLDM now correctly shows the Query Wait collector status.

SQLDM-30098 The timeline on the Query Waits view will now be displayed in the correct order.

SQLDM-30012 SQL Diagnostic Manager now correctly detects all the specific disk drives for each SQL Server registered.

Services

SQLDM-29997 SQLDM desktop console now correctly connects to the SQLdmManagement Service and is no longer throwing exception errors.

IDERA Dashboard

SQLDM-20002 The SQLDM Web Console now displays timestamps using local time.

SQLDM-28516 The SQLDM Web Console now correctly displays the Last Backup Date of a database.

SQLDM-29921 SQL Diagnostic Manager can now be manually registered in the IDERA Dashboard.

vCenter

SQLDM-29900 vCenter servers for monitored SQL servers in SQLDM can be added without problems.

Metrics

SQLDM-29802 *The 'Days since last backup' metric has been updated to include additional advanced options specific for availability groups.

SQLDM-29785 SQLDM now properly monitors the status of DTC and SQL Server Agent when collecting operating system statistics using OLE Automation.

Reports

SQLDM-28878 The Disk Space Usage report in the SQL Server Reporting Services portal is no longer asking the value for the Disk parameter.

SQLDM-29020 SQL Diagnostic Manager now collects deadlocks in Session > Blocking View and in Reports when using Extended Events or SQL Trace.

SQLDM-29685 Database Growth Forecast report now correctly shows sufficient data.

Availability Groups

SQLDM-19304 The "Aggregate Data SQLdmRepository" and "Groom SQLdm Repository" SQL Agent jobs now correctly run when the SQLDM Repository Database is hosted in an availability group.

SQLDM-28366 SQL Diagnostic Manager is now showing correct mount points for monitored secondary replicas.

SQLDM-20369 The databases in an SQLDM Availability Group now correctly capture growth statistics.

SQLDM-28629 SQLDM Desktop Console no longer crashes when accessing the Availability Group view under Databases.

SQLDM-28907 Improve the load time on the Availability Group databases view.

SQLDM-29229

SQL Diagnostic Manager is no longer displaying errors and is successfully connected to servers holding repositories in an availability group without a listener.

SQLDM-29547

SQLDM is no longer having problems collecting Database size data when monitoring Availability Groups instances.

Wait Statistics

SQLDM-29463

The Wait statistics are no longer displaying inconsistent values.

Deadlock

SQLDM-29006

The SQL Queries from the deadlock drop down output are no longer truncated.

Other issues

SQLDM-28694

SQLDM now correctly shows the closest historical snapshot when switching servers.

SQLDM-28606

SQLDM no longer generates login failures for 'SQLDiagMgr' in the SQL Server Error Log.

SQLDM-28603

SQL Diagnostic Manager now correctly shows the table sizes.

SQLDM-28327

SQLDM now correctly collects the CPU virtualization information on Hyper-V virtual environment.

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