

# New features and fixed issues

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

## 10.1.4 New features

No new features

## 10.1.4 Fixed issues

### Alerts

- To provide a clearer understanding of what the "Distribution Latency (Seconds)" metric is measuring, the description of the metric and summary of raised alerts has been updated.
- SQLDM is now displaying Informational Alerts for SQL Server Agent Long Running Jobs.
- SQLDM is displaying alerts in Dashboard and the desktop console regardless the 'Region and Language' settings.
- "Days since last backup" alert is being triggered considering the threshold values configured in the alert configuration template.
- When the log file is filled up in a database, the Log Full (Percent) alert is being triggered normally and the LogSizeInKilobytes and PercentLogSpace columns are not showing NULL value when the log percent retrieved is greater than 100%.
- The exception filter wildcard is working normally and is no longer causing undesired alerts.
- The Filegroup Space Full (Percent) alerts for filegroups that are on the same disk are showing the correct values for the space full percentage.
- The number of days since last backup are now correctly displayed for daily backups databases. SQLDM is now generating the "Days since last backup" alert for databases that include a space at the end of the database name.
- SQLDM is no longer receiving continuous OK status alerts for the Log Full (Percent) and Database Full (Percent) metrics.

### Alert response

- Alert Response triggers normally when a server is added to a tag.

### Availability Groups

- The "Days since last backup" metric is now checking the backup preferences of databases participating in an Availability Groups prior to raising alerts.
- SQL Server Agent jobs created for SQLDM are no longer encountering errors on secondary nodes when the SQLDM repository is hosted in an availability group.
- When a member of a database is on a read-only role, SQLDM is no longer displaying critical alerts on the Availability Groups databases.

### Custom Counter

- The Custom Counter SQL Script text window is resizing to the popup window size.

### Dashboard

- The Dashboard and SQLDM are reflecting the same per-database data size usage.
- The error "Something unexpected happened Java.Null.Pointer exception" is caused by a compatibility issue between products in the IDERA Dashboard is no longer displaying.
- In the IDERA Dashboard overview, the SQLDM Instances status widget is no longer having issues displaying the number of servers or the status of the servers. A compatibility issue among IDERA products within IDERA Dashboard caused this issue.

### Data collection

- SQLDM is no longer having issues collecting log errors with a Severity higher than 21.

### Graphs

- All graphs are displayed correctly and with all the information complete.

### Logs

- The upper limits on High Availability Log Send Queue size alert triggering have been extended to 999 million logs.
- Users can now review the SQL Server Error logs. The error "Error reading SQL 2005 SQL Server log: System.InvalidCastException: Specified cast is not valid" is no longer showing up.

### Queries

- The SQLDM console is now refreshing the list of the resulting queries in the Statement Mode View. Improvements to the Statement Mode view in the SQLDM console to allow a list of queries.

- The date ranges are now consistent when switching among Signature mode, Statement mode, and Query History screen. Query history now displays details about the query selected.
- Improvements to the query used to populate the data on the Alerts view in the SQLDM Desktop Console.
- 'Top Queries' and 'Query Overview' generate successful reports without timeout or expired messages.

## Replication Monitoring

- When using replication, SQLDM is displaying the correct publisher status.

## Reports

- SQLDM is triggering accurate results when running "Top Queries" reports.
- SQLDM reports that are deployed to SSRS are now generating charts correctly.
- Index improvements to improve the duration it takes to run the Database Statistics report.

## Repository

- There are no longer issues in the Repository connection application when using Management Service Utility to reconfigure repository connection for a management service.
- An error is no longer being generated on the Overview tab when the SQLDM repository database is hosted on a SQL Server 2005 instance. The error that was previously generated was "An error occurred while refreshing.Exception type: System.Data.SqlClient.SqlException. Message: Type Time is not a defined system type."

## Sessions

- Users are no longer encountering issues when viewing locks under the Sessions tab. The view is updated automatically.
- The Lock section under Sessions is no longer showing "Sysadmin privileges are required to obtain data for this view" message.

## SQL Server Agent

- The SQL Server Agent Long Running Job (Percent) value is now properly calculated in the alerts screen.

## Web console

- Date/Time values stored in the SQLDM repository database are stored in GMT format. The SQLDM web console now converts the GMT format to the local time zone.
- The SQLDM web console is no longer displaying deleted databases.
- The Sessions view in the SQLDM web console is displayed with no errors.
- Instances in Maintenance Mode are no longer displaying health status or alerts in the web console.

## Other issues

- SQLDM is no longer having timeouts when viewing large Databases under table and indexes.
- SQLDM displays tables normally without delays.
- The "Days since last backup" metric is only available for Online databases.
- The index DatabaseStatistics has been added to the UTCCollectionTime nonclustered index for a better performance.
- The IDERA Products option in Help Menu on the SQL Diagnostic Manager Desktop Console is linked to the navigation page and is no longer prompting error.
- SQLDM is no longer having issues when using a non-standard Short Date format.
- The Monitored SQL Server Properties dialog box in SQLDM Desktop console is opening without any timeouts.

SQL [Diagnostic Manager](#) identifies and resolves SQL Server performance problems before they happen. [Learn more >>](#)

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