

# New features and fixed issues

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

## 12.3 New Features

SQL Diagnostic Manager presents the following features and enhancements:

- An Improved User Interface with the following changes:
  - A new organization Grid View which allows a better glance at your instance metrics and properties.
  - An updated Windows Console Grid View similar to SQL Diagnostic Web Console.
  - A renovated Card View style, providing you with the same reliable information with a better-summarized look.
- An improved administration dialog to change the scale Health Index Factor for SQL Diagnostic Manager Console.
- A new Search feature for handling long lists across your servers, filters, alerts, and more.
- A Step Forward or Backward with the drill-down option.



Administrative actions are not included, only the actions associated with drill-downs are maintained.

- A new Automated Responses for ServiceNow action providers. To configure it, you must provide the Service Now information such as URL, Username, Password, and Alert Source.

## 12.3 Fixed Issues

### Reports

- SQLDM-32143** The "Server Uptime" report records the correct values for the uptime and downtime of a specific instance.
- SQLDM-31873** The Database Statistics report is now generating data correctly for a custom range of time.
- SQLDM-31680** The "Top Tables by Fragmentation" report now correctly identifies fragmented tables in the latest version of SQL Diagnostic Manager.
- SQLDM-31683** SQL Diagnostic Manager correctly identifies query records where query plans have been successfully collected.
- SQLDM-30535** SQL Diagnostic Manager successfully generates the "Template Comparison" report.

### Alerts

- SQLDM-32393** SQL Diagnostic Manager accurately displays alert data in the Historical Snapshots tooltip for a specific instance.
- SQLDM-32347** SQL Diagnostic Manager correctly applies the "Where metric severity has changed is in place" alert rule.
- SQLDM-32194** The default value for the user field under the "Alternative Windows Authorization" feature is Blank now.
- SQLDM-32182** The Page Life Expectancy (Baseline) now works as expected, raising alerts according to the baseline thresholds.
- SQLDM-32173** The Resuming Alerts window displays all available alerts that can be snoozed or resumed successfully.
- SQLDM-32021** SQL Diagnostic Manager provides all the information of the Blocking Session Wait Time (Seconds) alert when enabling Capture Blocking (SQL 2005+).
- SQLDM-31941** You can successfully configure e-mail notifications, including "and" conditions.
- SQLDM-31737** You can successfully generate "Alert Forecasts" for Active Alerts in SQL Diagnostic Manager 12.3.
- SQLDM-31256** The "Deadlock" alert is generated as expected and sends alert emails with correct and complete details.
- SQLDM-28938** SQL Diagnostic Manager only displays the active alerts on the environment views.

## Alerts Response

- SQLDM-32215** SQL Diagnostic Manager improved the Alert Response Rules performance. Now you can successfully receive e-mails when creating or updating a rule.
- SQLDM-32030** After upgrading to SQLDM 12, SQL Diagnostic Manager maintains the "Email (SMTP) Provider" alert response configuration.
- SQLDM-31876** With SQL Diagnostic Manager you can correctly import a delete alert response containing an SMTP action provider.
- SQLDM-30889** You can successfully export and import SMTP alert responses using SQL Diagnostic Manager 12.3.

## Custom Counters

- SQLDM-32148** SQL Diagnostic Manager keeps a Server's Custom Counter configuration after changing its tags configurations.
- SQLDM-30385** SQL Diagnostic Manager successfully applies Custom Counter in new Servers when using templates.
- SQLDM-32040** SQL Diagnostic Manager allows selecting and applying custom counters to all servers when creating metric alert responses for cluster environments.
- SQLDM-32034** When using the SQL Diagnostic Manager manual Maintenance Mode, the instances remain linked to Custom Counters.

## General

- SQLDM-31974** SQL Diagnostic Manager supports Extended Event Options for the Activity Monitor and the Query Monitor properties.
- SQLDM-31303** SQL Diagnostic Manager allows user accounts to apply alert templates to a monitor instance.
- SQLDM-30861** SQL Diagnostic Manager improved the analyzer's performance, providing more accurate analysis recommendations.

## DM Console

- SQLDM-32339** SQL Diagnostic Manager allows you to successfully add a new user through the Application Security tab.
- SQLDM-32267** SQL Diagnostic Manager fixed the performance of the Analyze view, generating recommendations properly.
- SQLDM-32256** With SQL Diagnostic Manager, you can personalize the dashboard view by choosing a specific dashboard to display.
- SQLDM-32232** SQL Diagnostic Manager now allows you to grant users access to specific instances through the Application Security window.
- SQLDM-32227** You can successfully export the Analyze report of a monitored instance.
- SQLDM-32178** SQL Diagnostic Manager successfully displays the history browser for SQL Server Azure-managed instances.
- SQLDM-32063** SQL Diagnostic Manager successfully monitors and displays information for scale-out installations, showing the correct version.

## On-Premises

- SQLDM-31859** The Permissions Script for User Creation was successfully improved and now works as expected.

## IDERA Web Console

- SQLDM-32333** SQLDM Web Console successfully displays all the alerts of the monitored instances after an upgrade.
- SQLDM-32291** Dates are now displayed in the proper format on SQLDM Web Console.
- SQLDM-32274** SQL Diagnostic Manager correctly displays graphics in the Web Console, since the graphics order has been fixed.

**SQLDM-32242** SQL Diagnostic Manager fixed the performance of the Analyze view, generating recommendations properly.

**SQLDM-32228** The Alerts view of SQLDM Web Console allows users to set up Advanced Filters effectively.

## High Availability Groups

**SQLDM-32147** The "Days since the last backup" alert functions as intended according to the backup preference settings for High Availability Groups.

**SQLDM-31875** SQL Diagnostic Manager successfully monitors listener status in a High Availability environment while monitoring replicas.

## Upgrade

**SQLDM-32421** SQL Diagnostic Manager displays consistent values for CPU usage metrics and graphics after upgrading to 12.2.4

**SQLDM-32299** After upgrading, SQL Diagnostic Manager does not raise any unhandled exception related to missing files.

**SQLDM-32181** You can successfully upgrade SQL Diagnostic Manager to 12.0.x keeping your Alert Templates and Responses as well as your configured Tags.

**SQLDM-32150** SQL Diagnostic Manager successfully updates snapshots and refreshes alerts after an upgrade.

**SQLDM-32026** SQL Diagnostic Manager successfully triggers notifications for "SQL Server Agent Job Failure" alerts after an upgrade.

## DBaaS

**SQLDM-32221** SQL Diagnostic Manager keeps the last Sever selection and Time Period for using them when configuring a new report.

## Metrics

**SQLDM-32130** SQL Diagnostic Manager increased the maximum critical threshold value for the "Version Store Size (MB)" metric.

**SQLDM-32109** SQL diagnostic Manager successfully displays the "SQL Server CPU Usage" metric after upgrading to SQLDM 12.

**SQLDM-31812** The "Procedure Cache Hit Ratio" metric has been improved on Azure SQL Managed Instance and Azure DB.

## Charts

**SQLDM-31870** SQL Diagnostic Manager correctly shows the Total Deadlock data in the Overview and Sessions charts after an upgrade.

## History Browser

**SQLDM-32019** SQL Diagnostic Manager successfully collects historical data in the History Browser for all the monitored servers.

**SQLDM-31951** SQL Diagnostic Manager correctly displays historical data for TempDB summary in the history browser and across multiple time ranges.