Amazon RDS Databases

SQL Diagnostic Manager provides a graphical analysis of the used, unused, and index disk space of the database.

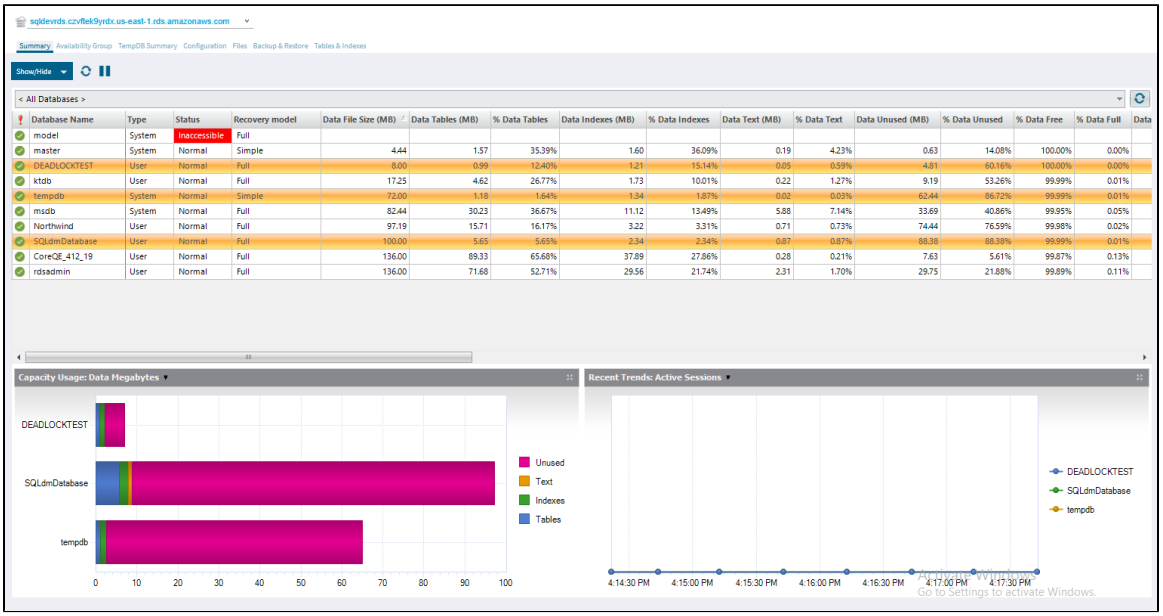
Amazon RDS Databases allows you to view the size and structure of database tables. Also, it provides a list of data size, text or image size, index page size, and the number of table rows, making reorganization and index creation decisions easier.

Summary

The Database Summary view allows you to view the status of all the databases on the selected Amazon RDS server.

The following graphs are displayed at the bottom of the screen:

- **Capacity Usage** - Select how to view the data or the log is used on your database. The drop-down list allows you to choose to view the data or log in megabytes or percentages.
- **Recent Trends** - Select it to view how your database or group of databases are used currently by selecting either active sessions, transactions per second, data size, log size, or log flushes from the drop-down list.



Availability Group

The Availability Group view allows you to monitor availability groups, availability databases, and availability replicas on the selected Amazon RDS server.

The following graphs are displayed at the bottom of the screen:

- **Queue Size Chart** - Provides users with graphical details about queues in the AlwaysOn Availability Groups feature. This chart is a stacked bar chart for the "Log Send Queue Size" and "Redo Queue Size."
- **Transfer Rates Chart** - Provides users with graphical details about data transfer rates for redo and logs. This chart is a line chart for the "Log Send Rate" and "Redo Rate."

TempDBSummary

The Tempdb Summary tab allows you to view the status of your TempDB database on the selected Amazon RDS instance.

The Tempdb Summary view displays a list of sessions currently using tempdb along with their cumulative usage and tempdb space. These statistics help you get an overview of the health of your tempdb database and give you a good indication of whether you have enough space allocated or whether tempdb issues are causing a performance problem on your server.

The following graphs are displayed at the top of the view:

- **Tempdb Space Used by File** - You can choose to view how each file is using space on your tempdb database, displayed in megabytes.

- **Tempdb Space Used Over Time** - You can choose to view how your database is used over time based on object type by comparing charts that offer metrics for the Space Used and Space Allocated.
- **Version Store Cleanup Rate** - The tempdb database version store collects data rows necessary to support snapshot isolation. This chart helps you see the current cleanup rate to avoid filling up tempdb.

Configuration

The Database Configuration view allows you to review the configuration settings of the databases on the selected Amazon RDS instance. This view contains a single grid that includes the configuration settings for all databases on the selected SQL Server instance.

Files

The Files view allows you to see the file statistics for each of your databases on the selected Amazon RDS instance.

This tool is important because it displays how much disk space you have available to your databases, how much disk space they are using, and the percentage of space used by databases and logs.

Backup & Restore

The Backups & Restores view allows you to view the History backup and restore of each database on the selected Amazon RDS instance. Also, it is a useful way to view the last successful backup, the recovery model used, and the backup history for each of the databases on the Amazon RDS instance.

Tables & Indexes

The Tables & Indexes tab allows you to view statistics for all the tables and indexes on a particular database. To see all the tables and indexes for a database, use the database drop-down list to select your database.

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