Understanding more about reports

OnCommand Unified Manager 9.5

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Understanding more about reports

You can use the option to run, delete, export, and import reports. You can also create custom reports and save the customized report. You can perform additional operations such as filtering, sorting, grouping, and formatting.

What reports do

Reports display detailed information about storage objects, which enable you to review and identify potential issues.

You can save, delete, share, schedule, and import reports. You can also search for specific reports. You can customize reports to address specific use cases, and save the customized report for future use. You can perform additional operations such as filtering, sorting, grouping, and formatting.

By default, each report group is displayed by report type and description. You can run reports to view a specific report group.

After you run a report, you can further customize it and save the customized report. You can view the custom reports that are saved in the Reports page, grouped under the specific report category.

You can schedule reports to be sent, or share reports in one of the supported formats: PDF, XHTML, CSV, XLS, or text.

You can export reports in different formats and save them on your desktop. You can export individual column data from the generated reports.

You can import report design files (`.rptdesign` files), and save the imported reports in the Reports page. You can delete custom and imported reports.

You can import the following reports:

- Reports with multiple headers that have a column span set to one
- Reports with charts only
- Reports with lists and grid only

Reports in text, CSV, and Excel formats are supported in the following scenarios:

- Table element only in the `.rptdesign` file
- A table with just one header as a row

You cannot import reports that have a column span of more than one. If a report in text, CSV, or Excel format has more than a one-header row, only the first header row is considered, and the remaining rows are ignored.

Unified Manager databases accessible for custom reporting

Unified Manager uses a MySQL database to store data from the clusters that it is monitoring. Data is persisted into various schemas in the MySQL database.

Starting with Unified Manager 7.3, additional schemas are exposed that provide access to additional table

data.

All table data from the following databases are available:

Database	Description
netapp_model_view	Data about the objects on ONTAP controllers.
netapp_performance	Cluster specific performance counters.
ocum	Unified Manager application data and information to support UI filtering, sorting, and the calculation of some derived fields.
ocum_report	Data for inventory configuration and capacity-related information.
ocum_report_birt	Same as above, but this database is consumed by built-in BIRT reports.
opm	Performance configuration settings and threshold information.
scalemonitor	Data about the Unified Manager application health and performance issues.

A reporting user — a Database user with the Report Schema role — is able to access the data in these tables. This user has read-only access to reporting and other database views directly from the Unified Manager database. Note that this user does not have permission to access any tables that contain user data or cluster credential information.

See the Technical Report for Unified Manager Reporting (TR-4565) for more details.

What report scheduling is

You can schedule a report to be generated at a specific date and time by using the **Schedule** option. The report is automatically sent by email to one or more recipients as per the schedule.

By scheduling a report, you can minimize the effort of generating and sending the reports manually. You can ensure that the current status of the storage is monitored at specified intervals by the administrators who are not otherwise notified by Unified Manager.

What report sharing is

You can share a report with one or more users through email using the **Share** option.

You must save the report prior to sharing it to ensure that the recent changes you made to the report is displayed.

You can share the report in any desired format. The **Share** option helps you to share reports through email instantly, even with persons who do not have access to Unified Manager but has a valid email address.

What report importing is

You can import a report using the **Import Report** option from Unified Manager and save the imported report with a name and a brief description. By importing reports, you can add custom reports to your environment in addition to the standard reports provided in Unified Manager.

You can import a `.rptdesign` file that is already created. You can run, share, schedule, and delete an imported report.

Unified Manager stores the import report log files in the files jboss.log, ocum-report.log, and ocumserver-debug.log.

Customer support will not assist with designing reports, but they will support you with issues faced during a report import operation.

The import report feature includes the following support:

- Reports with multiple headers, in which the column span is set to 1 (`colspan=1`)
- Reports with charts only
- Reports with lists and grid only
- Passwords used in reports must be encoded using “base64” format. Reports using other encoding, for example, “jce” format, will cause an error during the import process.
- Reports containing data aggregation should include the aggregated column element in the table data of the report.

Reports in text, CSV, and Excel formats are supported in the following scenarios:

- Table element only in the `.rptdesign` file
- A table with only one header row

You cannot import reports that have a column span of more than 1. If a report in text, CSV, or Excel format has more than one-header row, only the first header row is considered, and the rest are ignored.

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