

Veritas InfoScale Operations Manager Patch 7.4.2.400

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Veritas Technologies LLC
2625 Augustine Drive
Santa Clara, CA 95054
<http://www.veritas.com>

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https://sort.veritas.com/data/support/SORT_Data_Sheet.pdf

VIOM Patch 7.4.2.400

This document includes the following topics:

- [Post-installation tasks for this patch](#)
- [Changes introduced in this patch](#)
- [Known issues in this patch](#)

Post-installation tasks for this patch

After you install Patch 7.4.2.400 on a Veritas InfoScale Operations Manager (VIOM) Management Server and the managed hosts, update the following add-ons:

- Control Host (`VRTSsfmch-7.4.2.300` or later), which is applicable to the Management Server and the managed hosts. Update this add-on if you have configured agentless hosts, virtualization servers such as vCenter, HMC, and LPAR discoveries or storage arrays discoveries in the VIOM management console.
- Storage Insight add-on (`VRTSsfmsi-7.4.2.300` or later), which is applicable to the Management Server only. Update this add-on if you have configured storage array discoveries in the VIOM management console.

Changes introduced in this patch

The following sections describe the changes that are introduced in this patch.

Global reports

This VIOM patch introduces a global reporting feature, which facilitates collection of InfoScale deployment data from multiple management servers.

Managing global reports

To use the global reporting feature, you access the new Global Reports perspective from the menu bar and first add the required management servers. Thereafter, you use customized SQL queries to create and run reports, which comprise data that is collected from those management servers. The Global Reports perspective also lets you manage subscriptions for the available reports.

Prerequisite

Ensure that port 5636 is open on any management server that you want to add to the Global Reports perspective. This requirement also applies to the main VIOM Central Management Server (CMS), which is the management server from which you plan to generate the global reports.

To allow connections on a management server

- 1** Navigate to the database configuration directory on the management server that you want to add to the Global Reports perspective.

On Windows `systemDrive:\ProgramData\Symantec\VRTSsfmcs\db\data`

Replace *systemDrive* with the appropriate value.

On UNIX `/var/opt/VRTSsfmcs/db/data`

- 2** Open the `pg_hba.conf` file and add the **host SFMdb3 habguest mainCMS_FQDN password** line for the main VIOM CMS:

```
# TYPE DATABASE          USER          ADDRESS          METHOD

# "local" is for Unix domain socket connections only
local all                all            trust

# IPv4 local connections:
host all                all           127.0.0.1/32    trust

host SFMdb3 habguest mainCMS_FQDN password

# IPv6 local connections:
host all                all           ::1/128         trust

# Allow replication connections from localhost, by
# a user with the replication privilege.
local replication      all            trust
host replication      all           127.0.0.1/32    trust
host replication      all           ::1/128         trust
```

Note: In the `host SFMdb3 habguest mainCMS_FQDN password` line:

- Single spaces must be used as separators, instead of tab characters.
 - The `password` string is a literal string, not a variable to be replaced with a user password.
-

- 3 Open the `postgresql.conf` file and add or update the line for ports as follows:

```
listen_addresses = '*'
```

- 4 Restart the database.

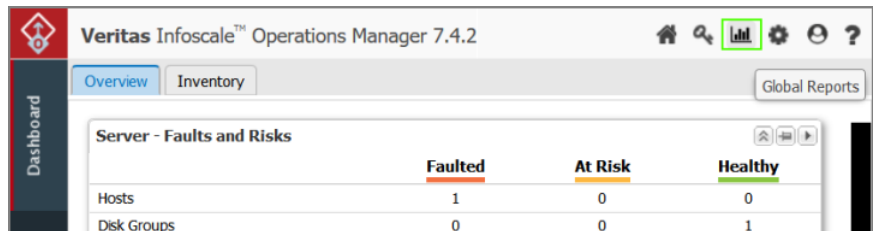
On Windows `systemDrive:\Program Files\VERITAS\VRTSsfmcs\bin\vomsc --restart db`

Replace `systemDrive` with the appropriate value.

On UNIX `/opt/VRTSsfmcs/bin/vomsc --restart db`

To work with management servers in the Global Reports perspective

- 1 Click the **Global Reports** menu on the VIOM console.



- 2 In the Global Reports perspective, you can use the Management server details tab to perform the following operations:

- Click **Add Management Server** above the tab title. On the Add management server dialog, enter the name or the IP address of the management server and its database password.

To identify the `habguest` password of a management server, run the following command on that management server:

On Windows `systemDrive:\Program Files\Veritas\VRTSsfmh\bin\xdbadm.exe -g -u habguest -c systemDrive:\ProgramData\Symantec\VRTSsfmcs\conf`

Replace `systemDrive` with the appropriate value.

On UNIX `/opt/VRTSsfmh/bin/xdbadm -g -u habguest -c /var/opt/VRTSsfmcs/conf`

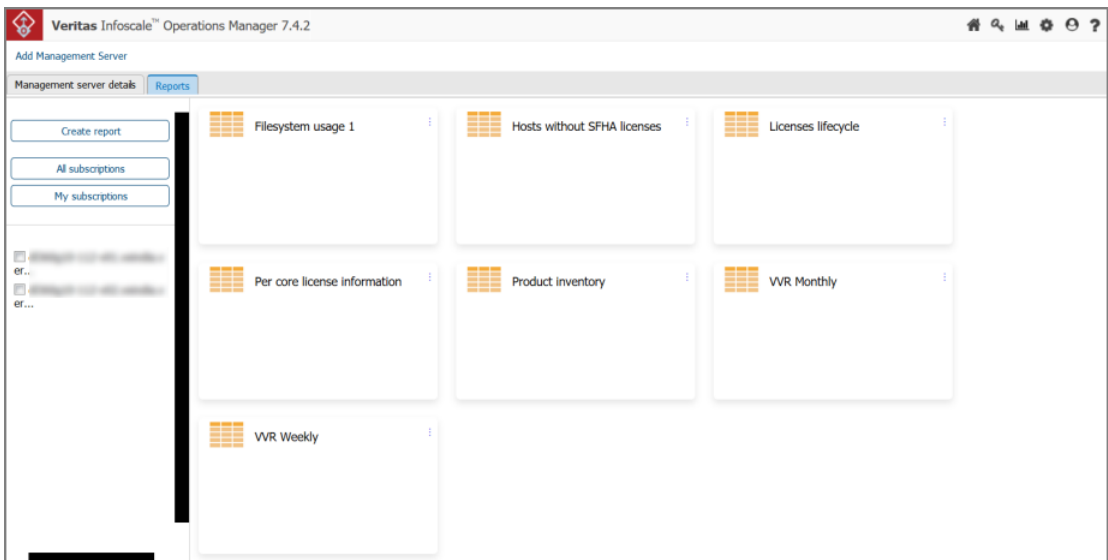
A new row for the corresponding management server then appears on the tab.

Note: Ensure that you do not add multiple entries for the same management server. Otherwise, reports that retrieve data from such a management server will contain duplicate records.

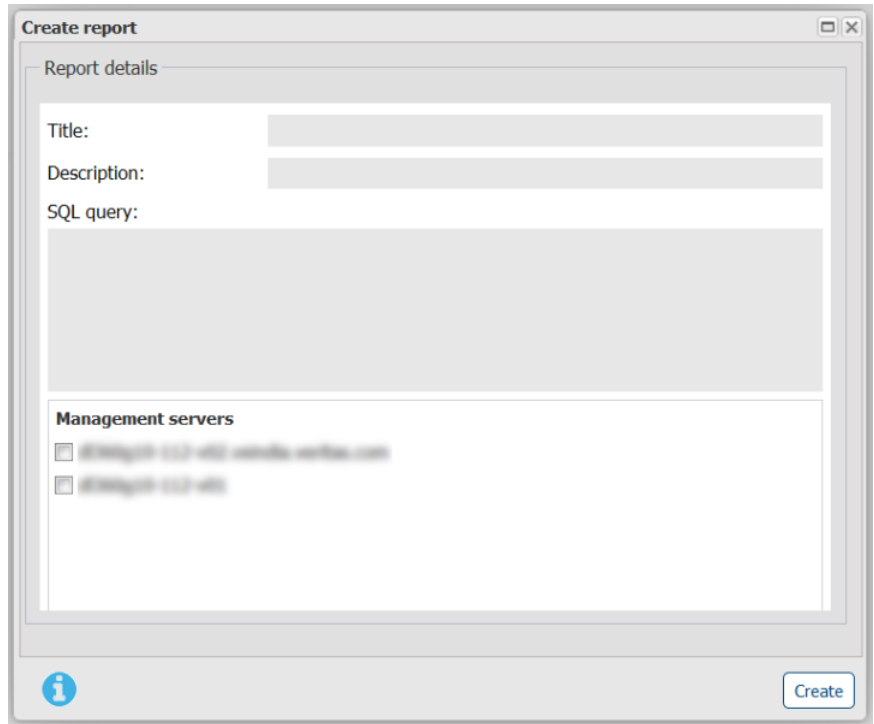
- To update the database password of a management server, click **Edit management server** details from the context menu of the corresponding row. Use the appropriate fields on the Edit management server details dialog.
- To remove a management server from this perspective, click **Delete management server** from the context menu of the corresponding row. Provide your confirmation on the dialog box that appears. After you delete a management server, the corresponding row no longer appears on the tab.

To work with global reports

- 1 Open the Global Reports perspective and click the **Reports** tab.



- 2 You can perform the following operations from the left pane:
 - To create a customized report, click **Create report** in the left pane.



On the Create report dialog, provide the following information:

- Enter the title of the report and an optional description.
 - Define the criteria for report that you want to create in the **SQL query** field; click the information icon at the bottom left to view the available reports and the corresponding SQL queries.
 - Specify the management servers from which you want to retrieve data for the report. Servers that are added to the Global Reports perspective are listed at the bottom; select from this list.
 - To filter the reports that appear in the content pane, you can select or deselect the management servers. By default, none of the management servers are selected, and the content pane displays all the available reports . When you select one or more management servers, the content pane displays only those reports that retrieve data from the corresponding servers.
- 3** You can perform the following operations from the contents pane:
- To run a report, click the kebab menu on the desired report in the content pane and then click Run. The report appears in a new window. You can open or save the report as a CSV file, email it in the HTML or the CSV

format, or subscribe to receive it. Subscribed reports are scheduled, so users can receive them at specific times.

- To modify the criteria of a report, click the kebab menu on the desired report in the content pane and then click **Modify**. You can modify its description, specify different criteria by using the appropriate SQL query values, and select or deselect the management servers on which to run the report.
- To remove a report, click the kebab menu on the desired report in the content pane and then click **Remove**. The report no longer appears in the content pane, and any subscriptions to the report are also deleted.

Changes to support InfoScale licensing service upgrade

This VIOM patch provides updates to support the InfoScale licensing service upgrade. Additionally, a new section titled **License Registration Status** is added to the Server perspective.

Known issues in this patch

- After you install Patch 7.4.2.400, the discovery of fabrics or switches from Brocade and Cisco may fail due to incorrect credentials.
Workaround: Reconfigure the fabrics and switches so that they can be discovered successfully.
- After you install patch 7.4.2.400, two-factor authentication (2FA) for any existing credentials fails.
Workaround: Reset the pin; the new pin is then accepted by 2FA.
- Global reports to which users have subscribed fail to collect the latest data at their scheduled times.
Resolution: The following hotfix address the issue:
https://www.veritas.com/content/support/en_US/downloads/update.UPD425791