

Veritas™ Operations Manager Release Notes

3.1 Rolling Patch 1

Veritas™ Operations Manager Release Notes

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Veritas Operations Manager Release Notes

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Overview of the Veritas Operations Manager 3.1 Rolling Patch 1 release

The Rolling Patch 1 release for Veritas Operations Manager 3.1 fixes a number of customer-reported issues.

Note: The Rolling Patch 1 release is not applicable to Management Server on a Windows host.

See [“Issues fixed in the Veritas Operations Manager 3.1 Rolling Patch 1 release”](#) on page 10.

System requirements

The system requirements for installing Rolling Patch 1 (RP1) are the same as the requirements for Veritas Operations Manager 3.1. You must have Veritas Operations Manager 3.1 installed on the host before you install RP1.

For more information on the system requirements, see the *Veritas Operations Manager 3.1 Release Notes*.

Issues fixed in the Veritas Operations Manager 3.1 Rolling Patch 1 release

[Table 1-1](#) lists the Management Server (VRTSsfmcs) issues that have been fixed in the Veritas Operations Manager 3.1 Rolling Patch 1 release.

Table 1-1 List of fixed issues for Management Server

Incident	Description
2065829	Management Server upgrade fails when a VRTSsfmh package of any version exists on it.
2132460	After you upgrade Management Server to version 3.1, the Reports view does not display.
2137042	Display an appropriate status for the add-ons that are deprecated when the Management Server is upgraded to version 3.1.
2138249	An improper error message is displayed when deep array discovery is configured on the Symmetrix array using Management Server as control host and specifying SYMCLI path that does not exist.

Table 1-1 List of fixed issues for Management Server (*continued*)

Incident	Description
2142600	During Management Server upgrade, the installer does not verify the availability of adequate space for the database.
2169883	The database does not start because of the en_US.iso85 locale setting.

[Table 1-2](#) lists the managed host (`VRTSsfmh`) issues that have been fixed in the Veritas Operations Manager 3.1 Rolling Patch 1 release.

Table 1-2 List of fixed issues for managed host

Incident	Description
2079043	The Veritas Operations Manager console incorrectly displays an alert on a cleared fault.
2079829	The policy check for detecting the unmounted file systems fetches incorrect data.
2089593	The user cannot configure a Symmetrix enclosure for deep discovery when a managed host that runs on Windows is selected as the primary control host.
2089607	The user can configure the online order for the global service groups whose clusters are configured as remote clusters.
2124439	Display the available patches for Veritas Operations Manager in the Available Patches tab.
2125945	The database discovery for Microsoft SQL Server 2005 (32-bit and 64-bit) does not occur on a Windows Server 2008 64-bit operating system.
2128151	Veritas Operations Manager does not start the Veritas Enterprise Administrator service on a managed host.
2129489	When a report is run on business entities, the user cannot identify the Application Business Entities and the Organizational Business Entities in the list of entities.
2133455	Messages are deleted from the Activity board when the time is clicked.
2134972	When Veritas Operation Manager 3.1 Management Server is installed on a host with Veritas Storage Foundation for Windows 5.1 SP1, the host information is not displayed in the console.

Table 1-2 List of fixed issues for managed host (*continued*)

Incident	Description
2138282	When a Storage Foundation for Windows host is upgraded from version 5.1 SP1 to version 5.1 SP2, an erroneous message related to the missing <code>hareg.exe</code> is displayed though the upgrade is successful.
2138652	The managed hosts are not displayed in the console after upgrade.
2139237	Temporary files are stored in the <code>/tmp</code> directory instead of the <code>/var/opt/VRTSsfmcs/tmp</code> directory.
2139374	While editing HA Fire Drill details, the service groups that are either faulted or not online are not available for selection.
	Inappropriate error message is

Installing Veritas Operations Manager 3.1 Rolling Patch 1 on a UNIX-based Management Server

You can install the Veritas Operations Manager 3.1 Rolling Patch 1 on a Management Server host that has version 3.1 installed on it. You need to download and run a `.bin` file to install Rolling Patch 1.

To install 3.1 Rolling Patch 1 on a UNIX-based Management Server

- 1 Open an operating system console.
- 2 On the Management Server host where you plan to install Rolling Patch 1, log on as root.
- 3 Change directory to the location where you downloaded the `.bin` file.
- 4 At the command prompt, enter one of the following:
 - On a Linux host:
`./Veritas_Operations_Manager_CMS_3.1RP1_Linux.bin`
 - On a Solaris host:
`./Veritas_Operations_Manager_CMS_3.1RP1_SolSparc.bin`

If you see the error `Permission Denied`, change the permissions for the `.bin` file so that it can be run. Enter one of the following:

- On a Linux host:
`chmod +x Veritas_Operations_Manager_CMS_3.1RP1_Linux.bin`
 - On a Solaris host:
`chmod +x Veritas_Operations_Manager_CMS_3.1RP1_SolSparc.bin`
- 5 Verify the patch installation.
See [“Verifying the Veritas Operations Manager 3.1 Rolling Patch 1 installation on a UNIX-based Management Server”](#) on page 13.

Verifying the Veritas Operations Manager 3.1 Rolling Patch 1 installation on a UNIX-based Management Server

You can verify the 3.1 Rolling Patch 1 installation on a UNIX-based Management Server in the console, or by running a command.

To verify that 3.1 Rolling Patch 1 is installed on Management Server

- ◆ Do one of the following:

- In the console, select **Manage > Hosts**. In the **Hosts** view, verify that the **MH version** for the Management Server host displays as 3.1.830.0.
- Run the following command on the Management Server host:

```
/opt/VRTSsfmh/bin/mh_driver.pl --version
```

The version that displays should be 3.1.830.0.

Installing Veritas Operations Manager 3.1 Rolling Patch 1 on UNIX-based managed hosts

You can install Rolling Patch 1 using one of the following methods:

- Deploy the patch using the **Patch/Package** deployment feature in the console. For more information on deploying patches using the console, see the *Veritas Operations Manager 3.1 Administrator's Guide*.
- Install Rolling Patch 1 on the managed host using commands.

To install 3.1 Rolling Patch 1 on a UNIX-based managed host using commands

- 1 Open an operating system console.
- 2 On the host where you plan to install Rolling Patch 1, log on as root.
- 3 Change directory to the location where you downloaded the patch.
- 4 For Linux managed hosts, skip to step 5. For managed hosts on the other operating systems, use one of the following instructions to decompress the downloaded file:

- For AIX, run the following:

```
uncompress VRTSsfmh_3.1.429.401_AIX.bff.Z
```

- For HP-UX 11.23 and HP-UX 11.31, run the following to decompress the file:

```
gunzip PHCO_41579_HP-UX.tar.gz
```

Run the following to untar the file:

```
tar xf PHCO_41579_HP-UX.tar
```

- For HP-UX 11.11 with Storage Foundation 3.5, run the following to decompress the file:

```
gunzip PHCO_41580_HP-UX_osr_B.11.11.tar.gz
```

Run the following to untar the file:

```
tar xf PHCO_41580_HP-UX_osr_B.11.11.tar
```

- For Solaris on SPARC, run the following to decompress the file:

```
gunzip 144159-01_SunOS_arch_sparc.tar.gz
```

Run the following to untar the file:

```
tar xf 144159-01_SunOS_arch_sparc.tar
```

- For Solaris on x86, run the following to decompress the file:

```
gunzip 145458-01_SunOS_arch_i386.tar.gz
```

Run the following to untar the file:

```
tar xf 145458-01_SunOS_arch_i386.tar
```

- 5 At the command prompt, enter one of the following commands to install the patch:

- For AIX, run the following:

```
installp -d /dir/VRTSsfmh_3.1.429.401_AIX.bff VRTSsfmh
```

- For HP-UX 11.23 and HP-UX 11.31, run the following:

```
swinstall -s /dir/PHCO_41579
```

- For HP-UX 11.11 with Storage Foundation 3.5, run the following:

```
swinstall -s /dir/PHCO_41580
```

- For Linux on x86 or Xeon, enter the following:

```
rpm -U /dir/VRTSsfmh_3.1.830.0_Linux.rpm
```

- For Linux on PowerPC, enter the following:

```
rpm -U /dir/VRTSsfmh_3.1.830.0_Linux_arch_ppc64.rpm
```

- For Solaris on SPARC, enter the following:

```
patchadd /dir/144159-01
```

- For Solaris on x86, enter the following:

```
patchadd /dir/145458-01
```

where, *dir* is the directory path where you downloaded and decompressed the patch.

- 6 Verify the patch installation.

See [“Verifying the Veritas Operations Manager 3.1 Rolling Patch 1 installation on UNIX-based managed hosts”](#) on page 15.

Verifying the Veritas Operations Manager 3.1 Rolling Patch 1 installation on UNIX-based managed hosts

You can verify the 3.1 Rolling Patch 1 installation on a UNIX-based managed host in the console, or by running a command.

To verify that 3.1 Rolling Patch 1 is installed on a managed host

- ◆ Do one of the following:
 - In the console, select **Manage > Hosts**. In the **Hosts** view, verify that the **MH version** for the managed host displays as 3.1.830.0.
 - Run the following command on the managed host:

```
/opt/VRTSsfmh/bin/mh_driver.pl --version
```

The version that displays should be 3.1.830.0.

Installing Veritas Operations Manager 3.1 Rolling Patch 1 on Windows-based managed hosts

To install Rolling Patch 1 on Windows-based managed hosts, you can download and run the required .msi file.

To install 3.1 Rolling Patch 1 on a Windows-based managed host

- 1 Log on to the target host as a user with administrator privileges.
- 2 From the directory to which you downloaded the .msi file, do one of the following:
 - On a 32-bit host, run `VRTSsfmh_3.01.0830_Windows_arch_x86.msi`.
 - On a 64-bit host, run `VRTSsfmh_3.01.0830_Windows_arch_x64.msi`.
 - On a IA64 host, run `VRTSsfmh_3.01.0830_Windows_arch_IA64.msi`.
- 3 Verify the patch installation.

See “[Verifying the Veritas Operations Manager 3.1 Rolling Patch 1 installation on Windows-based managed hosts](#)” on page 16.

Verifying the Veritas Operations Manager 3.1 Rolling Patch 1 installation on Windows-based managed hosts

You can verify the 3.1 Rolling Patch 1 installation on a Windows-based managed host in the console, or by running commands.

To verify that 3.1 Rolling Patch 1 is installed on a managed host

- ◆ Do one of the following:

- In the console, select **Manage > Hosts**. In the **Hosts** view, verify that the **MH version** for the managed host displays as 3.1.830.0.
- Run the following commands on the managed host:

```
cd "c:\Program Files\Veritas\VRTSsfmh\bin"  
perl mh_driver.pl --version
```

The version that displays should be 3.1.830.0.

Uninstalling Veritas Operations Manager 3.1 Rolling Patch 1

The uninstall of the 3.1 Rolling Patch 1 is not supported.

Known issues

The following issues relate to 3.1 Rolling Patch 1.

The Impact Analysis Report does not display the information on the databases associated with the volume that is migrated (2177314)

When a volume is migrated, the **Impact Analysis Report** does not display the information on the databases that are associated with the volume. However, the report displays the information on all the other entities that are associated with the volume.

There is no workaround for this issue.

For Storage Foundation 5.0RU3 and 5.0RU4 releases, the displayed versions of Veritas Volume Manager (VxVM) are 5.0MP33 and 5.0MP34 respectively for Linux PowerPC (2206797)

For Storage Foundation 5.0RU3 release, the Veritas Volume Manager version is displayed as 5.0MP33 for Linux PowerPC. Similarly, for Storage Foundation 5.0RU4 release, the displayed version of Veritas Volume Manager is 5.0MP34.

There is no workaround for this issue.

Getting help

This appendix includes the following topics:

- [Veritas Operations Manager on the Web](#)
- [Getting help](#)
- [Commenting on product documentation](#)

Veritas Operations Manager on the Web

For comprehensive, up-to-date information about Veritas Operations Manager, visit the Symantec Web site:

go.symantec.com/vom

Getting help

If an issue arises while you use the products, refer to the product documentation and online help. If necessary, report it to Symantec.

For technical assistance, visit

www.symantec.com/enterprise/support/index.jsp

This site provides access to resources such as TechNotes, product alerts, software downloads, hardware and software compatibility lists, and the customer email notification service. Use the Knowledge Base Search feature to access additional product information, including current and past releases of product documentation.

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- The topic (if relevant) you are commenting on
- Your comment
- Your name