Veritas™ Operations Manager Release Notes

3.0 Rolling Patch 1

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Veritas™ Operations Manager Release Notes

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Product version: 3.0 Rolling Patch 1

Documentation version: 3.0RP1..0

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- Operating system
- Version and patch level
- Network topology
- Router, gateway, and IP address information
- Problem description:
  - Error messages and log files
  - Troubleshooting that was performed before contacting Symantec
  - Recent software configuration changes and network changes

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Asia-Pacific and Japan	customercare_apac@symantec.com
Europe, Middle-East, and Africa	semea@symantec.com
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Veritas Operations Manager Release Notes

This chapter includes the following topics:

■ Uninstalling Veritas Operations Manager 3.0 Rolling Patch 1

■ Known issues

Overview of the Veritas Operations Manager 3.0 Rolling Patch 1 release

The Rolling Patch 1 release for Veritas Operations Manager 3.0 fixes a number of customer-reported issues.

See "Issues fixed in the Veritas Operations Manager 3.0 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 3.0. You must have Veritas Operations Manager 3.0 installed on the host before you install RP1.

For more information on the system requirements, see the *Veritas Operations Manager 3.0 Release Notes*.

Issues fixed in the Veritas Operations Manager 3.0 Rolling Patch 1 release

Table 1-1 lists the Management Server (`VRTSsfmcs`) issues that have been fixed in the Veritas Operations Manager 3.0 Rolling Patch 1 release.

Table 1-1   List of fixed issues for Management Server

Incident	Description
2040358	Rules that were created before upgrade to Veritas Operations Manager 3.0, cannot be deleted or disabled.
2056069	The patch:size column type needs to be changed to unsigned bigint for Veritas Operations Services (VOS).
2060948	The default security group cannot be changed while configuring Management Server on Windows Server 2008 R2.
2076148	The `/opt/VRTSsfmcs/cweb/sfmw listports` command does not display the port that the Web server is listening to for connections.

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

Incident	Description
2082359	Resource dependency information is lost when Veritas Cluster Server (VCS) is restarted.
2090154	Authorization check fails if a user belongs to a security group that has a single quote in its name.

Table 1-2 lists the managed host (VRTSsfmh) issues that have been fixed in the Veritas Operations Manager 3.0 Rolling Patch 1 release.

Table 1-2   List of fixed issues for managed host

Incident	Description
2031146	Incorrect correlation between a volume name and a Veritas Cluster Server (VCS) volume resource.
2033091	Users with host-level privileges could not perform Veritas Cluster Server (VCS) operations.
2034877	The memory used by vxconfigd can grow if vxdclid does not consume Veritas Volume Manager (VxVM) events.
2043993	Business Intelligence and Reporting Tools (BIRT) report engine log files can fill the log directory.
2048324	The state of disks connected to multiple hosts is not correctly reported in the console.
2051082	The replication details table in the Replication view is empty even though there are replications defined.
2058689	Deleting or editing a security group fails for group that has a '/' (front-slash) character in the group name.
2060715	An upgraded Windows managed host is not displayed in the host view even though the host is successfully added to the Management Server domain.
2073547	The xprtld process is not running on a managed host due to a core dump.
2075232	The operation to add Linux-based managed hosts to the Management Server domain fails.
2077348	Incorrect error displayed on a Windows host that the xprtld process is not running.

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

Incident	Description
2079073	The console incorrectly shows cleared faults.
2084581	The /var/log/messages log file has multiple warnings related the missing /var/opt/VRTSsfmh/logs/add_host.log file on a Linux-based managed host.
2085733	The gvdid and vxlist commands hang because of invalid search paths that are built into the vdid library.
2088611	The hareg utility and the veaintf utility can consume CPU resources.
2091018	The vxdclid daemon is incompatible with Storage Foundation 5.0 MP3 RP4.
2095663	Management Server configuration for high-availability hangs.
2097310	Incorrect number of disk paths displayed for HP-UX-based managed hosts.
2097428	The hareg utility for Veritas Cluster Server (VCS) monitoring has a memory leak.
2101584	The Tomcat random http port needs to be disabled.
2103730	Disk status is incorrectly displayed in the console for Solaris Volume Manager (SVM) disks.
2106167	Incorrect faults are displayed in the console for CD-ROM file systems.
2108018	Disable Veritas Cluster Server (VCS) discovery in Solaris local zones.
2108114	The fault that the vxdclid process is down is erroneously reported.
2111003	Microsoft SQL Server discovery works incorrectly for a named instance that has the string "MSSQLSERVER" in it.
2111007	Oracle Clusterware (CRS) databases are not displayed in the console.
2111010	The correlation between the Oracle tablespace and the database storage unit may be incorrect.
2111011	DB2 v9.5 discovery causes the DB2 database instance to terminate.
2113352	Read or write operations to a Microsoft SQL Server databases fail for large databases with several simultaneous operations being performed on them.

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

Incident	Description
2124941	Adding multiple Linux hosts to the Management Server domain does not work correctly.

Downloading Veritas Operations Manager 3.0 Rolling Patch 1

You can download the Rolling Patch 1 for specific operating systems.

Table 1-3 provides information on the URLs to download operating system-specific patches for Management Server.

Table 1-3   List of URLs for Management Server patches

Operating system	URL to download the Rolling Patch 1
Linux	https://vos.symantec.com/patch/detail/4076
Solaris	https://vos.symantec.com/patch/detail/4068
Windows	https://vos.symantec.com/patch/detail/4073

Table 1-4 provides information on the URLs to download operating system-specific patches for managed hosts.

Table 1-4   List of URLs for managed host patches

Operating system	URL to download the Rolling Patch 1
AIX	https://vos.symantec.com/patch/detail/4065
HP-UX	■ For HP-UX 11.23 and HP-UX 11.31: https://vos.symantec.com/patch/detail/4066 ■ For HP-UX 11.11 with Storage Foundation 3.5: https://vos.symantec.com/patch/detail/4077
Linux on x86 or Xeon	https://vos.symantec.com/patch/detail/4067
Linux on PowerPC	https://vos.symantec.com/patch/detail/4070
Solaris on SPARC	https://vos.symantec.com/patch/detail/4069
Solaris on x86	https://vos.symantec.com/patch/detail/4075
Windows 32-bit	https://vos.symantec.com/patch/detail/4071

Table 1-4 List of URLs for managed host patches *(continued)*

Operating system	URL to download the Rolling Patch 1
Windows 64-bit	https://vos.symantec.com/patch/detail/4072
Windows IA64	https://vos.symantec.com/patch/detail/4074

Installing Veritas Operations Manager 3.0 Rolling Patch 1 on a UNIX-based Management Server

You can install the Veritas Operations Manager 3.0 Rolling Patch 1 on a Management Server host that has version 3.0 installed on it. You need to download and run a `.bin` file to install Rolling Patch 1.

To install 3.0 Rolling Patch 1 on a UNIX-based Management Server

1   Download the required patch.

2   Open an operating system console.

3   On the Management Server host where you plan to install Rolling Patch 1, log on as root.

4   Change directory to the location where you downloaded the `.bin` file.

5   At the command prompt, enter one of the following:

   ■ On a Linux host:

   `./Veritas_Operations_Manager_CMS_3.0RP1_Linux.bin`

   ■ On a Solaris host:

   `./Veritas_Operations_Manager_CMS_3.0RP1_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_3.0RP1_Linux.bin`

   ■ On a Solaris host:

   `chmod +x Veritas_Operations_Manager_CMS_3.0RP1_SolSparc.bin`

6   Verify the patch installation.

Verifying the Veritas Operations Manager 3.0 Rolling Patch 1 installation on a UNIX-based Management Server

You can verify the 3.0 Rolling Patch 1 installation on a UNIX-based Management Server in the console, or by running a command.

To verify that 3.0 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 `3.0.402.0`.

■ Run the following command on the Management Server host:
`/opt/VRTSsfmh/bin/mh_driver.pl --version`
The version that displays should be `3.0.402.0`.

Installing Veritas Operations Manager 3.0 Rolling Patch 1 on a Windows-based Management Server

You can install the Veritas Operations Manager 3.0 Rolling Patch 1 on a Management Server host that has version 3.0 installed on it. You need to download and run a `.exe` file to install Rolling Patch 1.

To install 3.0 Rolling Patch 1 on a Windows-based Management Server

1 On the host where you plan to install Management Server, log on as a user with administrator privileges.

2 Download the required patch.

See "Downloading Veritas Operations Manager 3.0 Rolling Patch 1" on page 13.

3 Run the `Veritas_Operations_Manager_CMS_3.0RP1_Win.exe` file.

4 Verify the patch installation.

See "Verifying the Veritas Operations Manager 3.0 Rolling Patch 1 installation on a Windows-based Management Server" on page 16.

Verifying the Veritas Operations Manager 3.0 Rolling Patch 1 installation on a Windows-based Management Server

You can verify the 3.0 Rolling Patch 1 installation on a Windows-based Management Server in the console, or by running commands.

To verify that 3.0 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 `3.0.402.0`.

   ■ Run the following commands on the Management Server host:
   ```
   cd "c:\Program Files\Veritas\VRTSsfmh\bin"
   perl mh_driver.pl --version
   ```
   The version that displays should be `3.0.402.0`.

Installing Veritas Operations Manager 3.0 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 3.0 Administrator's Guide*.

■ Install Rolling Patch 1 on the managed host using commands.

To install 3.0 Rolling Patch 1 on a UNIX-based managed host

1 Download the required patch.

   See "Downloading Veritas Operations Manager 3.0 Rolling Patch 1" on page 13.

2 Open an operating system console.

3 On the host where you plan to install Rolling Patch 1, log on as root.

4 Change directory to the location where you downloaded the patch.

5 For Linux managed hosts, skip to step 6. 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_3.0.357.45_AIX.bff.Z
```

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

```
gunzip PHCO_41222_HP-UX.tar.gz
```

Run the following to untar the file:

```
tar xf PHCO_41222_HP-UX.tar
```

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

```
gunzip PHCO_41223_HP-UX_osr_B.11.11.tar.gz
```

Run the following to untar the file:

```
tar xf PHCO_41223_HP-UX_osr_B.11.11.tar
```

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

```
gunzip 144151-01_SunOS_arch_sparc.tar.gz
```

Run the following to untar the file:

```
tar xf 144151-01_SunOS_arch_sparc.tar
```

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

```
gunzip 144158-01_SunOS_arch_i386.tar.gz
```

Run the following to untar the file:

```
tar xf 144158-01_SunOS_arch_i386.tar
```

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

- For AIX, run the following:

```
installp -d /dir/VRTSsfmh_3.0.357.45_AIX.bff VRTSsfmh
```

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

```
swinstall -s /dir/PHCO_41222
```

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

```
swinstall -s /dir/PHCO_41223
```

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

```
rpm -U /dir/VRTSsfmh_3.0.402.0_Linux.rpm
```

- For Linux on PowerPC, enter the following:

```
rpm -U /dir/VRTSsfmh_3.0.402.0_Linux_arch_ppc64.rpm
```

- For Solaris on SPARC, enter the following:

```
patchadd /dir/144151-01
```

- For Solaris on x86, enter the following:

```
patchadd /dir/144158-01
```

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

7   Verify the patch installation.

See "Verifying the Veritas Operations Manager 3.0 Rolling Patch 1 installation on UNIX-based managed hosts" on page 18.

Verifying the Veritas Operations Manager 3.0 Rolling Patch 1 installation on UNIX-based managed hosts

You can verify the 3.0 Rolling Patch 1 installation on a UNIX-based managed host in the console, or by running a command.

To verify that 3.0 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 `3.0.402.0`.

■   Run the following command on the managed host:

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

    The version that displays should be `3.0.402.0`.

Installing Veritas Operations Manager 3.0 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 3.0 Rolling Patch 1 on a Windows-based managed host

1   Log on to the target host as a user with administrator privileges.

2   Download the required patch.

See "Downloading Veritas Operations Manager 3.0 Rolling Patch 1" on page 13.

3   From the directory to which you downloaded the `.msi` file, do one of the following:

■   On a 32-bit host, run `VRTSsfmh_3.00.0402_Windows_arch_x86.msi`.

■   On a 64-bit host, run `VRTSsfmh_3.00.0402_Windows_arch_x64.msi`.

■ On a IA64 host, run `VRTSsfmh_3.00.0402_Windows_arch_IA64.msi`.

4 Verify the patch installation.

See "Verifying the Veritas Operations Manager 3.0 Rolling Patch 1 installation on Windows-based managed hosts" on page 19.

Verifying the Veritas Operations Manager 3.0 Rolling Patch 1 installation on Windows-based managed hosts

You can verify the 3.0 Rolling Patch 1 installation on a Windows-based managed host in the console, or by running commands.

To verify that 3.0 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 `3.0.402.0`.

■ 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 `3.0.402.0`.

Uninstalling Veritas Operations Manager 3.0 Rolling Patch 1

The uninstall of the 3.0 Rolling Patch 1 is not supported.

Known issues

The following issue relates to 3.0 Rolling Patch 1 installation.

Error message is displayed during Solaris JumpStart installation

When you install 3.0 Rolling Patch 1 using Solaris JumpStart, you may see the following error message when the patch is installed:

```
cp: cannot access /opt/VRTSsfmh/etc/dcli_conf.ini
```

There is no workaround for the issue. You can ignore the message as the patch is successfully installed.

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:

www.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.

Commenting on product documentation

Submit comments about the product documentation to the following email address:

storage_management_docs@symantec.com

Please include the following information with your documentation comments:

- The title and product version of the guide you are commenting on

- The topic (if relevant) you are commenting on

- Your comment

- Your name