

HP OMi Management Pack for Infrastructure

Software Version: 1.12

HP Operations Manager i for Linux and Windows® operating systems

Release Notes

Document Release Date: October 2015
Software Release Date: May 2015



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The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

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OMi Management Pack for Infrastructure Release Notes

for the HP Operations Manager i for Linux and Windows® operating systems

Software version: 1.12

Publication date: October 2015

This document is an overview of the changes made to HP OMi Management Pack for Infrastructure 1.12 (OMi MP for Infrastructure 1.12). It contains important information that is not included in books or Help. You can find information about the following in this document:

[New Features in this Release](#)

[Installation Notes](#)

[Known Problems and Workarounds](#)

[Documentation Updates](#)

Support Matrix

For information about the installation requirements and compatibility with other products, see the *OMi Management Pack for Infrastructure Support Matrix*. The support matrix may be updated between releases, and so is only available at the HP Support web site:

<http://support.openview.hp.com/selfsolve/document/KM323488>

New Features in this Release

The version of the following OMi MP for Infrastructure Management Templates is updated from 1.0 to 1.100:

- Essential IBM Power Management Template
- Essential Oracle Solaris Management Template
- Essential System Management Template
- Extensive IBM Power Management Template
- Extensive Oracle Solaris Management Template
- Extensive System Management Template

The thresholds values such as *Critical*, *Major*, *Minor* and *Warning* are added for the following parameters and the default values are set for each of the threshold:

- Summarized CPU utilization level
- Logical drive/fs Space Utilization
- Average number of page-ins from disk per second
- Disk Instance
- DiskPeakUtil
- Ratio of collision packets to total packets transmitted out of this NIC
- Ratio of error packets to total packets transmitted in and out of this NIC
- Free Space (MB) on device/filesystem
- CPU Utilization Level In System Mode (%)
- CPU Utilization Level
- Memory Utilization (%)
- Number of free page table entries available on the system
- Avg Bytes Transferred Per Sec from this interface
- Outbound Queue Length
- Bandwidth Used (%)
- NFS space utilization
- CIFS space utilization

Installation Notes

The OMi MP for Infrastructure 1.12 is available at <http://www.hp.com/go/livenetwork>. The package is available for English and Non-English locale environments. You can use the appropriate installation media based on your locale requirements. For more information about installation requirements, as well as instructions for installing the OMi MP for Infrastructure 1.12, see the *OMi Management Pack for 1.12 Infrastructure Installation Guide*.



Note: You must install OMi MP for Infrastructure 1.10 before installing OMi MP for Infrastructure 1.12.

The OMi MP for Infrastructure 1.10 is available in the OMi MP for Infrastructure 1.10 DVD

(MPDVD) and also through electronic media (e-media). The MPDVD and e-media are available for the English and Non-English locale environments. You can use the appropriate installation media based on your locale requirements. In a distributed environment, it must be installed on all BSM 9.2x or OMi 10.x Data Processing Servers (DPS) and BSM 9.2x or OMi 10.x Gateway Servers (GWS).

The following table provides information about the documentation available in the OMi MP for Infrastructure 1.12:

Document	Location	Purpose
Installation Guide	http://www.hp.com/go/livenetwork https://softwaresupport.hp.com	To provide information about the following: <ul style="list-style-type: none">• Salient Features
Release Notes	http://www.hp.com/go/livenetwork https://softwaresupport.hp.com	<ul style="list-style-type: none">• Installation Notes

<p>Online Help</p>	<p>Available in the BSM 9.2x console Help menu.</p> <p>From the BSM console, click Help > BSM Help > Application > Administration > Operations Management > OMi Management Pack for Infrastructure.</p> <p>Available in the OMi 10.x console  menu</p> <p>From the OMi console, click  > General Help > Administration Guide > Management Packs > OMi Management Pack for Infrastructure.</p>	<p>To provide information about the following:</p> <ul style="list-style-type: none"> • Getting Started • Infrastructure Management Templates • Infrastructure Aspects and Policy Templates • Parameters • Views • Health Indicators • Event Type Indicators • TBEC Rules • Tools • Graph Templates
<p>User Guide</p>	<p>http://www.hp.com/go/livenetwork</p> <p>https://softwaresupport.hp.com</p>	

Note: For information about creating an OMi Management Pack, see the *OMi Management Pack Development Guide* available at the following location:
<https://hpln.hp.com/node/18594/attachment>.

Known Problems, Limitations, and Workarounds

The reference number for each defect is the change request (QCCR) number. For more information about open defects, visit [HP Software Support Online](#), or contact your HP Support representative directly.

Known Problems and Workarounds

The known problems and workarounds for OMi MP for Infrastructure 1.12 are as follows:

Title: Installation of OMi Management Pack for Infrastructure 1.10 on the BSM 9.25 system fails.

Description: Installation of OMi Management Pack for Infrastructure 1.10 Media on the BSM 9.25 system fails.

Solution: To resolve this problem, install the **BSM 9.25 patch for OMi Management Pack** following these steps:

1. Launch the HP Software Support - <https://softwaresupport.hp.com> and Sign in.
2. Click **Search**.
3. Select the relevant product, version and operating system (for example, Application Performance Management (BAC) > 9.25 > Windows).
4. Under **Document Type**, select **Patches**.
5. Locate the **BSM 9.25 Patch for OMi Management Pack**.
6. Follow the installation instructions in the **README.txt** file in the patch package.

QCCR1A150953: You are not able to differentiate between the FileSystem Configuration Item (CI) type when multiple, similar nodes, or FileSystems are discovered.

Workaround: To distinguish the FileSystem CIs for multiple nodes, follow these steps:

1. Click **Admin > RTSM Administration > Modeling > CI Type Manager**.
2. In the CI Type Manager window, from the CI Types pane, click **Managed Object > Configuration Item > Infrastructure Element > Node Element > FileSystem**.
3. In the right pane, click **Default Label** tab.
4. In the CI Type Label Definition format, add **user_label** to **mount_point|root_class**.

For example, `user_label|mount_point|root_class`

5. Click **Save**.

QCCR8D30811: The Sys_MSWindowsPagedPoolUtilization-AT and Sys_MSWindowsNonPagedPoolUtilization-AT policies fail because the SISPI data source does not contain the metric class.

Workaround: To resolve this problem, follow these steps:

1. From <https://softwaresupport.hp.com>, download the **HOTFIX_OMI_MANAGEMENT_PACK_FOR_INFRASTRUCTURE_QCCR8D30811_2014_09_15**.
2. Install the HotFix using the installation script.
3. Deploy Sys_MSWindowsPerfMonCollector in the respective node.

QCCR1H90348: The CIs discovered by Virtual Infrastructure Discovery are not populated by IBM HMC toposync.

Workaround: You must add the product name as **ibm_power_hypervisor** in the enumeration **product_name_enum**. To add the product name, follow these steps:

1. Click **Admin > RTSM Administration > CI Type Manager > CI Types > System Type Manager**. The System Type Manager dialog box appears.
2. Double-click **product_name_enum** and click **Apply**. The Update List Definition appears.
3. Add **ibm_power_hypervisor** to the list and click **OK**.

QCCR1A169126: Operations agent does not detect the Red Hat Advanced Server (RHAS) cluster environment. When you run **ovclusterinfo -a** command, an error message appears.

Workaround: Apply hotfix **QCCR1A169126** on the HP Operations Agent 11.13.007 on the RHAS Cluster environment.

Title: System Infrastructure Discovery fails on the Debian and Ubuntu nodes.

Description: System Infrastructure Discovery fails on the Debian and Ubuntu nodes.

Workaround: To resolve this problem, apply CIs related to the corresponding node and follow these steps on the BSM Server:

1. Create a folder named **Linux_Deb** on the BSM Server at the following locations.

For Linux:

```
/var/opt/OV/shared/server/tmp/deployment/instrumentation/SystemsInfrastructure/  
Unix
```

For Windows:

```
%OvDataDir%\shared\server\tmp\deployment\instrumentation\SystemsInfrastructure\  
Unix
```

Note: If the above folder is not available on the BSM Server, then first deploy **System Infrastructure Discovery** on any non-Debian node and proceed with the steps.

2. Copy **GetLogfileName.sh** and **ispi-ovperl** files from the `/var/opt/OV/shared/server/tmp/deployment/instrumentation/SystemsInfrastructure/Unix/Linux` folder into the **Linux_Deb** folder:

For Linux: `cp Linux/* Linux_Deb/`

For Windows: `copy Linux* Linux_Deb\`

3. Deploy the **System Infrastructure Discovery** Aspect on the node.

4. Verify if the files are present at the following location on the node:

```
/var/opt/OV/bin/instrumentation
```

On successful run of System Infrastructure Discovery, all the CIs related to the corresponding node will appear in Run Time Service Model (RTSM).

Limitation

- Some of the nested resource pools may not be discovered due to failure in getting Universally Unique Identifier (UUID) of parent resource pool. For more information, see **QCCR1A162251**.

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- French
- Spanish
- Simplified Chinese
- Korean
- Dutch
- Russian

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- Simplified Chinese

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Feedback on Release Notes (OMi Management Pack for Infrastructure 1.12)

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