

HP Operations Orchestration

For Windows and Linux operating systems

Content Pack Version 12
for HP OO Software Version 9.x

Release Notes

Document Release Date: August 2013

Software Release Date: August 2013



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Introduction

This document provides an overview of the changes made in HP Operations Orchestration Content Pack 12. It contains important information not included in the manuals or in online help.

OO Content Pack 12 is a cumulative Content Pack. It updates the repositories and RASes. The update does not remove any operations or flows. The patch only adds, modifies or changes the location of the specific content.

This is an English language only release.

What's New

Supported versions

- Support for the HP Application Lifecycle Management (ALM) integration version 11.50 has been added.
- Support for the HP Continuous Delivery Automation (CDA) integration versions 1.10 and 1.20 has been added.
- Support for the HP Fortify integration version 3.80 has been added.
- Support for the HP Live Network (LN) integration versions 3.11, 3.20, 3.30, and 3.40 has been added.
- Support for the HP Load Runner (LR) integration version 9.50 has been added.
- Support for the HP Network Node Manager (NNMi) integration versions 9.11, 9.20, 9.21, 9.22, and 9.23 has been added.
- Support for the HP Onboard Administrator integration version 3.71 has been added.
- Support for the HP Operations Manager (OM) integration version 9.00 Windows, and 9.00, 9.10, and 9.22 Unix has been added.
- Support for the HP Operations Manager I (OMi) integration version 9.22 has been added.
- Support for the Project and Portfolio Manager (PPM) integration version 9.1x (9.10 – 9.14) and 9.21 has been added.
- Support for the SiteScope integration versions 11.21 and 11.23 has been added.
- Support for the HP UCMDB integration versions 10.00 and 10.01 has been added.
- Support for the HP Virtual Connect Enterprise Manager (VCEM) integration version 7.x has been added.

OO Content Pack 12 Documentation

The OO Content Pack 12 documentation set includes the following:

- HP Operations Orchestration Integration Support Matrix

Installing OO Content Pack 12

You must install OO Content Pack 12 on an existing OO platform version of 9.00.01 or later.

You can install OO Content Pack 12 on top of an existing Content Pack 11 content installation. Use **platform 9.00** and the patches listed in the following table:

Content	Patch level
OO Content Pack 12	9.00.01
OO Content Pack 12	9.00.02
OO Content Pack 12	9.02 + 9.02.0002
OO Content Pack 12	9.03.0001
OO Content Pack 12	9.04
OO Content Pack 12	9.05
OO Content Pack 12	9.06
OO Content Pack 12	9.07.x

All content needs to be checked in before applying the Content Pack.

If you encounter an issue with expired certificates after an upgrade or new installation of the OO 9.00 platform release before installing the OO Content Pack 12 release, apply the OO 9.02 platform patch (available on the [HP Software Support Online](#) portal) to the OO 9.00 platform release as instructed in the OO 9.02 platform patch release notes to resolve the issue. OO 9.02.0002 is a required patch for OO 9.02 that must be installed together with OO 9.02.

If you apply OO Content Pack 12 on top of an existing version of OO 9.00 and then re-install OO 9.00, you must also re-install OO Content Pack 12.

Although you can install OO Content Pack 12 manually, it is recommended that you install OO Content Pack 12 using the HP Live Network Connector.

Installing OO Content Pack 12 Using the HP Live Network Connector

1. Configure the Live Network Connector (<https://hpln.hp.com/group/hp-live-network-connector>) and trigger a download for the OO updates stream.
2. At the location from which you install the Live Network Connector, type the following command in a terminal and then press ENTER:


```
live-network-connector download
```

3. At the same location, type the following command in a terminal and then press ENTER:

```
live-network-connector import
```

4. Restart the RAS service on all RASes in your OO deployment.

See the [HP Live Network connector User guide](#) for additional information.

Note: If you encounter a RAS update error during the following procedure, do the installation procedure again.

Installing OO Content Pack 12 Manually

You need to use Java 6 to install OO Content Pack 12. It is recommended that you to use the Java JRE shipped with OO, located in the <OO_HOME>/jre1.6 folder.

When installing OO Content Pack 12 manually, you can:

- [Install on a Local Central Server.](#)
- [Install on a Remote Central Server.](#)

Installing OO Content Pack 12 on a Local Central Server

Windows

1. Close Studio and make sure that Central and your RAS are running by checking the status of the RSCentral and RSJRAS services.
2. Go to <https://hpln.hp.com>, click **Operations Orchestration Community** and log in.
3. On the left-hand side, click **Operations Orchestration Content Packs**. In the **Operations Orchestration Content Packs** box, click **Content**. Click **HP Operations Orchestration 9.00** and navigate to HP Operations Orchestration Content Pack 12.
4. Navigate to and copy the OO Content Pack 12 Installer version of **OO_Content_Pack_12_Installer.jar** to a temporary directory.
5. Click the **Start** menu, and then click **Run**.
6. In the Run dialog box, type `cmd` and then click **OK**.
7. Make sure that the **bin** subdirectory, located in the **JVM** directory, is added to the PATH environment variable. In the command window, change the current directory to the temporary

one and type:

```
java -jar OO_Content_Pack_12_Installer.jar -centralPassword <your Central password>
```

8. Restart the RAS service on all RASes in your OO deployment.

Notes:

- On Windows 2008 and Windows 2008 R2 servers, you must have administrative privileges to install OO Content Pack 12. To get administrative privileges, follow these steps:
 - a. On the **Start** menu select **All Programs**, and then **Accessories**.
 - b. Right-click **Command Prompt** and then select the **Run as administrator** option.
- If you are using a Central user name other than the default `admin`, use the `-centralUsername` parameter in the command shown in **step 7** of the previous procedure as follows:

```
java -jar OO_Content_Pack_12_Installer.jar -centralUsername <non-default Central username> -centralPassword <your Central password>
```

For example:

```
java -jar OO_Content_Pack_12_Installer.jar -centralUsername sysadmin -centralPassword mypassword
```

- If you are installing OO Content Pack 12 on a non-default port instead of the default port **https://localhost:8443**, use the `-centralURL` parameter in the command shown in **step 7** of the previous procedure as follows:

```
java -jar OO_Content_Pack_12_Installer.jar -centralURL <non-default Central URL> -centralPassword <your Central password>
```

For example:

```
java -jar OO_Content_Pack_12_Installer.jar -centralURL https://central_server1:8080 -centralPassword mypassword
```

- To install OO Content Pack 12 even if there are conflicts between operation versions, use the `-forceInstall` parameter in the command shown in **step 7** of the previous procedure as follows:

```
java -jar OO_Content_Pack_12_Installer.jar -forceInstall -centralPassword <your Central password>
```

For example:

```
java -jar OO_Content_Pack_12_Installer.jar -forceInstall -centralPassword mypassword
```

Linux

1. Make sure that Central and your RAS are running by checking the status of the RSCentral and RSJRAS services.
2. Go to <https://hpln.hp.com>, click **Operations Orchestration Community** and log in.
3. On the left-hand side, click **Operations Orchestration Content Packs**. In the **Operations Orchestration Content Packs** box, click **Content**. Click **HP Operations Orchestration 9.00** and navigate to HP Operations Orchestration Content Pack 12.
4. Navigate to and copy the OO Content Pack 12 Installer version of **OO_Content_Pack_12_Installer.jar** to a temporary directory.
5. Open a **terminal**.
6. Make sure that the **bin** subdirectory, located in the **JVM** directory, is added to the PATH environment variable. Use the **cd** command to change the current directory to the temporary one and type:

```
java -jar OO_Content_Pack_12_Installer.jar -centralPassword <your Central password> -home <path to OO installation folder>
```

7. Restart the RAS service on all RASes in your OO deployment.

Notes:

- If you are using a Central user name other than the default **admin**, use the **-centralUsername** parameter in the command shown in **step 6** of the previous procedure as follows:

```
java -jar OO_Content_Pack_12_Installer.jar -centralUsername <non-default Central username> -centralPassword <your Central password> -home <path to OO installation folder>
```

For example:

```
java -jar OO_Content_Pack_12_Installer.jar -centralUsername sysadmin -centralPassword mypassword -home /root/OO_HOME
```

- If you are installing OO Content Pack 12 on a non-default port instead of the default port **https://localhost:8443**, use the **-centralURL** parameter in the command shown in **step 6** of the previous procedure as follows:

```
java -jar OO_Content_Pack_12_Installer.jar -centralURL <non-default Central URL> -centralPassword <your Central password> -home <path to OO installation folder>
```

For example:

```
java -jar OO_Content_Pack_12_Installer.jar -centralURL https://central_server1:8080 -centralPassword mypassword -home /root/OO_HOME
```

- To install OO Content Pack 12 even if there are conflicts between operation versions, use the **forceInstall** parameter in the command shown in step 6 of the previous procedure as follows:

```
java -jar OO_Content_Pack_12_Installer.jar -forceInstall -centralPassword<your Central password> -home <path to OO installation folder>
```

For example:

```
java -jar OO_Content_Pack_12_Installer.jar -forceInstall -centralPassword mypassword -home /root/OO_HOME
```

Installing OO Content Pack 12 on a Remote Central Server

You need to have a locally installed Central.

Windows

1. Make sure that Central and your RAS are running.
2. Go to <https://hpln.hp.com>, click **Operations Orchestration Community** and log in.
3. On the left-hand side, click **Operations Orchestration Content Packs**. In the **Operations Orchestration Content Packs** box, click **Content**. Click **HP Operations Orchestration 9.00** and navigate to HP Operations Orchestration Content Pack 12.
4. Navigate to and copy the OO Content Pack 12 Installer version of **OO_Content_Pack_12_Installer.jar** to a temporary directory.
5. Click the **Start** menu, and then click **Run**.
6. In the Run dialog box, type `cmd` and then click **OK**.
7. Make sure that the **bin** subdirectory, located in the **JVM** directory, is added to the PATH environment variable. In the command window, change the current directory to the temporary one and type:

```
java -jar OO_Content_Pack_12_Installer.jar -centralURL <remote Central URL> -centralPassword <your Central password>
```

8. Restart the RAS service on all RASes in the remote OO deployment.

Note:

- On Windows 2008 and Windows 2008 R2 servers, you must have administrative privileges to install OO Content Pack 12. To get administrative privileges, follow these steps:
 - a. On the **Start** menu select **All Programs**, and then **Accessories**.
 - b. Right-click **Command Prompt** and then select the **Run as administrator** option.

Linux

1. Make sure that Central and your RAS are running.
2. Go to <https://hpln.hp.com>, click **Operations Orchestration Community** and log in.
3. On the left-hand side, click **Operations Orchestration Content Packs**. In the **Operations Orchestration Content Packs** box, click **Content**. Click **HP Operations Orchestration 9.00** and navigate to HP Operations Orchestration Content Pack 12.
4. Navigate to and copy the OO Content Pack 12 Installer version of **OO_Content_Pack_12_Installer.jar** to a temporary directory.
5. Open a **terminal**.
6. Make sure that the **bin** subdirectory, located in the **JVM** directory, is added to the PATH environment variable. Use the **cd** command to change the current directory to the temporary one and type:

```
java -jar OO_Content_Pack_12_Installer.jar -centralURL <remote Central URL> -  
centralPassword <your Central password> -home <path to OO installation folde  
r>
```
7. Restart the RAS service on all RASes in the remote OO deployment.

Known Issues

Title and QC ID	Description
F5 Integration QCCR1D85010	The F5 integration does not support non-alphanumeric passwords. This is because the password is placed in an HTML GET string. The non-alphanumeric characters break the GET string. As a result, the string cannot be used in the password.
UpdateAssignedTo operation QCCR1D131214	The Library/Integrations/Hewlett-Packard/Network Node Manager/9.0/Incidents/UpdateAssignedTo operation fails with a <code>Cannot interrogate model</code> exception fault. The operation, should return success and change the <code>assignTo</code> value to the one specified as input value.
Get and Put operations QCCR1D132829	The Library/Operations/Remote File Transfer/FTP/Get and Library/Operations/Remote File Transfer/FTP/Put operations complete successfully even if given invalid values for the <code>type</code> input.
Divider operation QCCR1D135408	The Library/Utility Operations/Math and Comparison/Simple Evaluators/Divider operation completes successfully when a division by zero occurs. The result is infinity. The operation has been modified to check whether the divisor is zero. If the divisor is zero, the operation fails.
Divider operation QCCR1D135409	When you use the Library/Utility Operations/Math and Comparison/Simple Evaluators/Divider operation to divide 0.0 by 0.0, the operation fails with a <code>BigInteger divide by 0</code> message.
Description for <code>includePaths</code> in RepositorySync Plugin QCCR1D138276	The RepositorySync plugin description in the Library/Integrations/Hewlett-Packard/Operations Orchestration/Repository folder for <code>includePaths</code> (paths to include) should be clearer, as it actually refers to a logical offset from the repository root, rather than a system storage path on the O/S. For example, to include all flows under My Ops Flows , the input should be Library/My Ops Flows . The same description should apply to <code>excludePaths</code> (paths to exclude).
Set System Account and Set System Property operations QCCR1D138282	If you create a new system account and check it in, but the values for the system account <code>username</code> and <code>password</code> are empty, these are not available in any flow. This means that you will not be able to run an OO flow to create system account values in real-time by using the Library/Integrations/Hewlett-Packard/Operations Orchestration/Set System Account operation. The same behavior is found for the Library/Integrations/Hewlett-Packard/Operations Orchestration/Set System Property operation.

Title and QC ID	Description
Base64 Decoder operation QCCR1D138299	The Library/Utility Operations/Base64 Decoder operation returns success if the data input value contains an invalid non-ASCII string and the value of the characterSet input is ASCII or shift-JIS. The operation should fail.
Schedule Flow operation QCCR1D145676	The Library/Integrations/Hewlett-Packard/Operations Orchestration/Schedule Flow operation fails when executed from the local repository against OO 9.03. This is due to the changes that took place in OO 9.03 when the Scheduler was unified with Central.
OO Samples Self Integration QCCR1D145994	<p>As stated in their description, the Library/Integrations/Hewlett-Packard/Operations Orchestration/Flow Execution/Samples/Filter Flow Runs by Status and Library/Integrations/Hewlett-Packard/Operations Orchestration/Flow Execution/Samples/Get Last Run Status flows can run only from Central, and not from Studio. However, the folder location (for example, Library/Integrations) is hidden in Central.</p> <p>To run the flows, you should use command line tools (for example, JRSFlowInvoke.jar). Alternatively, you can copy these flows in another location in the repository, and then execute using Central.</p>
Redeploy Template operation QCCR1D149698	The Library/Integrations/Hewlett-Packard/SiteScope/9.x and 10.x and 11.00/Redeploy Template operation fails with <code>NullPointerException</code> when the destination path is invalid.
Get Application Versions and Get Applications operations QCCR1D150316	<p>The Library/Integrations/Hewlett-Packard/Continuous Delivery Automation/Application/Get Application Versions operation fails with <code>NullPointerException</code> when the <code>applicationId</code> input is left empty.</p> <p>The Library/Integrations/Hewlett-Packard/Continuous Delivery Automation/Application/Get Applications operation fails with <code>NullPointerException</code> when <code>filterBy</code> is assigned by <code>ApplicationId</code> and <code>value</code> is assigned the value from the defect description.</p>
Read Test flow QCCR1D150709	The Library/Integrations/Hewlett-Packard/Application Lifecycle Management/Test Plan/Read Test flow returns different results when <code>useLabels</code> is set to <code>true</code> than when it is set to <code>false</code> .
Ant Script flow QCCR1D154222	The Library/Operations/Ant/Ant Script flows' <code>timeout</code> input value is not taken into consideration when returning the results.
Trigger Deploying Topology To Realized Platform operation QCCR1D155726	The Library/Integrations/Hewlett-Packard/Continuous Delivery Automation/Topology/Trigger Deploying Topology To Realized Platform operation goes to success when given invalid values for the <code>deploymentName</code> and <code>deploymentSetId</code> inputs, but deployment fails with a <code>NullPointerException</code> on the CDA side.

Title and QC ID	Description
Find Builds For Realized Topology operation QCCR1D155731	Instead of failing when given a bad value for the <code>realizedTopologyId</code> input, the Library/Integrations/Hewlett-Packard/Continuous Delivery Automation/Topology/Find Builds For Realized Topology operation goes to success, without returning any results.
List Connectors flow QCCR1D155796	The Library/Integrations/Hewlett-Packard/ArcSight/Samples/List Connectors sample flow does not return an error message in case of negative scenarios.
Windows error messages QCCR1D156392	For bad user name or password inputs, the operations in the Library/Operations/File System/Windows Only folder, and the Library/Operations/Operating Systems/Windows/Ping and Trace Route operations display a different error message on Windows 2012 than on Windows 2008 R2.
vCloud error messages QCCR1D157090 QCCR1D159372	The vCloud 5.1.x and vCloud 1.5 servers return different error messages than the vCloud 1.0 server.
Remove Datastore from Host operation QCCR1D157920	When ran with a bad value for the <code>dataStore</code> input, the Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Host/Storage/Remove Datastore from Host operation returns a different message than it used to before vSphere 5.1.
SCVMM error messages QCCR1D159032	When ran with an invalid <code>owner</code> input value, the Library/Integrations/Microsoft/System Center Virtual Machine Manager/Virtual Machine/Set Virtual Machine and Library/Integrations/Microsoft/System Center Virtual Machine Manager/Hardware Profile/New Hardware Profile and Set Hardware Profile flows return a different error message for SCVMM 2012 than for SCVMM 2008 R2.
SCVMM error messages QCCR1D159236	When ran with invalid values for the <code>template</code> , <code>networkUtilization</code> or <code>cpuMax</code> inputs, flows return a different error message for SCVMM 2012 than for SCVMM 2008 R2.
System Center Orchestrator authentication QCCR1D159369	The operations from the Library/Integrations/Microsoft/System Center Orchestrator folder fail when ran using a local user and the host is included in a domain.

Fixed Defects

The following items are fixed in the current software release. The reference number for each fixed defect is the Quality Center Change Request (QCCR) identifier.

For more information about fixed defects, visit HP Software Support Online, or contact your HP Support representative directly.

Title and QC ID	Description and Fix
Get Schedule Details operation QCCR1D145511	The Library/Integrations/Hewlett-Packard/Operations Orchestration/Get Schedule Details operation failed when executed from the local repository against OO 9.03. This was due to the changes that took place in OO 9.03 when the Scheduler was unified with Central.
Get Flow Schedules operation QCCR1D145513	The Library/Integrations/Hewlett-Packard/Operations Orchestration/Get Flow Schedules operation failed when executed from the local repository against OO 9.03. This was due to the changes that took place in OO 9.03 when the Scheduler was unified with Central.
Delete Flow Schedule operation QCCR1D145514	The Library/Integrations/Hewlett-Packard/Operations Orchestration/Delete Flow Schedule operation failed when executed from the local repository against OO 9.03. This was due to the changes that took place in OO 9.03 when the Scheduler was unified with Central.
Disable Virtual Machine Undo Disk flow QCCR1D158218	The Library/Integrations/Microsoft/System Center Virtual Machine Manager/Virtual Machine/Disable Virtual Machine Undo Disk flow failed when run against SCVMM version 2012. The failure occurred because the DisableUndoDisk-VM Powershell cmdlet was deprecated in SCVMM 2012.