HP Operations Orchestration 10.x

Windows and Linux Operating Systems

OO HP Solutions Content Pack Version 1.7.x

Release Notes

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Contents

Introduction

This document provides an overview of the HP Operations Orchestration HP Solutions content pack 1.7.x release. It contains important information that is not included in the manuals or in the online help.

This release supports the English language only.

HP Solutions content pack 1.7.x is a cumulative content pack.

What's New

Operations Orchestration Integration

- There is a new input 'waitForLockTimeout', which specifies the number of seconds a flow will wait while trying to acquire the lock. This input has been added in the following flows:
  - Purge Audit Records
  - Purge Debug Events
  - Purge Execution Summary

HP OneView Integration

- Support for HP OneView v2.0
- New content for working with HP OneView templates:
  - Create Server Profile from Template
  - Create Server Profile Template
  - Delete Server Profile Template
  - Get Server Profile from Template
  - Get Server Profile Template Details
  - Get Server Profile Templates List

  - Update Server Profile Template
- New operations for working with HP OneView server profiles:
  - Create Server Profile
  - Delete Server Profile
  - Get Server Profile Transformation
  - Get Server Profile Details
  - Get Server Profiles List
  - Update Server Profile
- The responseBody output has been added to all HP OneView operations (existing and new) to

consistently provide the raw API response

- Aligned existing content to accept eTag input that is required for HP OneView 2.0 APIs

Enhancements

HP Universal Configuration Management Database (UCMDB) Integration

- New inputs that enable the client to authenticate using certificates ('keystore' and 'keystorePassword') have been added. When the input prerequisites are met, the client can authenticate against a CAC-enabled uCMDB server. Prerequisites are documented in the **Notes** section of all the operation descriptions, which contain more details about what verification is being performed during the connection. The full path is: *Library\Integrations\Hewlett-Packard\Universal CMDB*. Note that all non-deprecated operations and flows inside the folder, including subfolders, have new functionality.

HP SiteScope Integration

- New inputs that enable the client to authenticate using certificates ('keystore', 'keystorePassword', 'truststore', 'truststorePassword') have been added. When the input prerequisites are met, the client can authenticate to a CAC-enabled Sitescope server. Prerequisites are documented in the **Notes** section of the Description in each operation. The full path is: *Library\Integrations\Hewlett-Packard\SiteScope\9.x (10.x and 11.x)*. Note that all non-deprecated operations are inside the folder.

Content Pack Integrations

The following table lists the integrations that the HP Solutions content pack supports:

Integration Name	Versions
HP 3PAR Web Services API	1.4
HP Application Lifecycle Management	11, 11.50, 11.52
HP ArcSight	6.0c, 6.5c, 6.5 SP1
HP Cloud OS	Cloud OS 1.01, 1.1
HP Continuous Delivery Automation	1.1, 1.20, 1.30
HP Data Protector	9.x
HP Fortify	3.50, 3.80, 4.1
HP Insight Control Server Provisioning (ICSP)	7.4, 7.4.1
HP Live Network (LN) integration	1.3.2, 2.1.4, 3.0.1, 3.3.5, 3.4
HP Load Runner	9.10, 9.50, 11, 11.50, 11.51, 11.52, 12.01
HP Network Automation	6.x, 7.x, 9.x (up to 9.20 and 9.22), 10.00, 10.10, 10.11
HP Network Node Manager	7.5, 8.10, 9.0, 9.1, 9.11, 9.23, 10.00, 10.01,
HP Onboard Administrator	3.31, 3.71, 4.01
HP OneView	1.0, 1.1, 1.2, 2.0
HP Operations Manager for Windows	8.x, 9.0
HP Operations Manager for Unix	8.x, 9.0, 9.10, 9.11
HP Operations Manager i (include BSM)	9.0, 9.01, 9.10, 9.12, 9.13, 9.20, 9.21, 9.22, 9.23, 9.24, 9.26, 10.00, 10.01
HP Operations Orchestration: 10.x versions 9.x.versions	 10.0, 10.02, 10.10, 10.20, 10.21, 10.22, 10.50 9.0, 9.01, 9.02, 9.03, 9.04, 9.05, 9.06, 9.07
HP Project and Portfolio Manager	7.5.0, 9.0x, 9.1x, 9.21
HP Proliant iLO	iLO - 1.94 or above iLO2 - 1.60 or above iLO3 - 1.26 or above iLO4 - 1.01 or above

Integration Name	Versions
HP Server Automation Visualizer	N/A
HP Sitescope	7, 9.0, 9.5, 10.10, 10.11, 11.00, 11.01, 11.10, 11.11, 11.13, 11.20, 11.21, 11.22, 11.23, 11.24, 11.30 (Premium and Ultimate editions)
HP Universal CMDB	7.0, 8.0, 9.0, 10.0, 10.01, 10.10, 10.20
HP Virtual Connect Enterprise Manager (VCEM)	6.3, 7.x

Deprecated Flows

The following flow has been deprecated in HP Solutions Content Pack 1.7.x on OO 10.x.

- The flow *Library/Integrations/Hewlett-Packard/Operations Orchestration/10.x/Database/Purge Executions Summary* (UUID 2695bb9c-7b91-4434-9516-d8b6aef12042) has been replaced by a new one (UUID 7dd596a6-1cd6-40d5-9a51-1ceb5f324015).

  This flow has been replaced by a new, single-step flow, also named **Purge Execution Summary**. The new flow's step is also a new operation, **Purge Executions**.

Deploying the HP Solutions Content Pack

OO platform versions 10.00 and later support HP Solutions Content Pack 1.7.x. However, it is recommended to deploy the HP Solutions Content Pack 1.7.x on an existing OO platform version of 10.50 or later.

For details on deploying a content pack, see "Importing Content Packs to a Project" in the *Studio Authoring Guide* and "Deploying a Content Pack" in the *Central User Guide*.

> **Note:** HP Solutions Content Pack version 1.7.x is dependent on Base Content Pack version 1.6.2 or later. If you want to deploy the HP Solutions Content Pack version 1.7.x, you must also deploy Base Content Pack version 1.6.2 or later.

> **Note:** For details on how to uninstall/roll back a content pack, see "Roll back to the last deployment" in the *HP OO Central User Guide*.

Fixed Defects

The reference number for each fixed defect is the ALM Global ID number (QCCR).

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

CR Number	Title	Description
QCCR8C27727	"Create Host" 3PAR operation uses the wrong persona	The correct persona for the *WindowsServer* value is now being retrieved.
QCCR8C27842	'Set Selection List' in HP Solutions CP ends with success and returns inconsistent results if non-existing selection list is specified	Attempts to modify a non-existing selection list (post Release 10.20) fail and return the following error message: "The selection list provided was not found. The creation of a selection list is not supported on OO 10.2 or later."
QCCR8C10846	Cannot modify attribute value as null(empty) with "Modify Object Attribute(s)" of UCMDB operation	The **Modify Object Attribute(s)** UCMDB operation has been updated to allow empty property values.
QCCR8C28917	Missing class on operation schedule flow in HP Solution 1.6.0 9.x folder	The 3rd-party libraries that originally caused this problem have been revised.

Known Issues

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

HP Onboard Administrator - Configure Trusted Host response and action

When you run the **Configure Trusted Host** flow under */Library/Integrations/Hewlett-Packard/Onboard Administrator/Network/*, and you enable trusted host, the response is failure even if the action was successful on OA. The disable action does not work correctly for this flow.

Workaround: Before enabling trusted host make sure that the IP address of your machine is added to the trusted host list.

Some operations may not work as expected when support for self-signed certificates is disabled.

It is possible that, when support for self-signed certificates is disabled in Operations Orchestration (Studio, Central RAS), certain operations may not work as expected when attempting calls to target host machines over HTTPS without providing SSL certificate information.

The following operations may be affected and are in the */Library/Integrations/Hewlett-Packard/Operations Orchestration/9.x/* folder:

- Get Run Status
- Get Status For Runs
- List Flow Run History
- Set Selection List
- Get Folder Flows
- Schedule flow
- Get Schedule Details
- Delete Flow Schedule
- Get Flow Schedules

For Network Node Manager, all operations located in the folders:

- */Library/Integrations/Hewlett-Packard/Network Node Manager/9.x and 10.x*
- */Library/Integrations/Hewlett-Packard/Network Node Manager/8.1x*

For Network Automation, all operations located in the folder: */Library/Integrations/Hewlett-Packard/Network Automation/7.x and 9.x and 10.x*

For Operations Manager i, all operations located in the folder: */Library/Integrations/Hewlett-Packard/Operations Manager i/*

For Project and Portfolio Manager, all operations located in the folder: */Library/Integrations/Hewlett-Packard/Project and Portfolio Manager*

For HP SiteScope, all operations located in the folder: */Library/Integrations/Hewlett-Packard/SiteScope/*

For Virtual Connect Enterprise Manager, all operations located in the folder:
/Library/Integrations/Hewlett-Packard/Virtual Connect Enterprise Manager/

The outputs for "mpIpAddress" and "mpDnsName" for the "Get Server Hardware Details" operation are empty (HP OneView 2.0 and newer)

The HP OneView 2.0 **Get Server Hardware Details** operation deprecated the "mpIpAddress" and "mpDnsName" fields as top-level outputs. These outputs have been replaced with a new "mpHostInfo" field that can be retrieved from the JSON string returned in the "responseBody" output. The new "mpHostInfo" field offers the ability to return information for servers with multiple iLO IP Addresses.

To get the first iLO IP address associated with a server (regardless of the HP OneView version) the following scriptlet filter can be applied to the responseBody output:

```
try {

    scriptletResult

= JSON.parse(scriptletInput).mpHostInfo.mpIpAddresses[0].address;

} catch (e) {

    try {

        scriptletResult =

JSON.parse(scriptletInput).mpIpAddress;

    } catch (e) {

        scriptletResult = "";

    }

}
```

Similarly, to get the equivalent of the "mpDnsName" output (regardless of the HP OneView version) the following scriptlet filter can be applied to the responseBody output:

```
try {

    scriptletResult

= JSON.parse(scriptletInput).mpHostInfo.mpHostName;

} catch (e) {

    try {

        scriptletResult =

JSON.parse(scriptletInput).mpDnsName;

    } catch (e) {

        scriptletResult = "";
```

```
        }

    }
```

Third-Party Limitations

OneView: Some API calls do not work for the "Get Firmware Drivers List" environment

HP OneView Integration 1.0: When setting the **Get Firmware Drivers List** operation under */Integrations/Hewlett-Packard/OneView/Settings/Firmware*, an error is raised in Operations Orchestration.

This is due to a limitation caused by a third-party API.

OneView: Get Index Resource List query input cannot be used

The QUERY parameter only works with a syntax similar to the **FILTER param (name="OneViewDomain")**, even though the OV documentation states the following:

The query parameter is based on the URI Filter Language.[...] URI Filter Language uses alphabetic tokens "OR", "AND", "EQ", "NE", "GT", "LT", "GE", "LE", "LIKE", "IS NULL", "IN" instead of "=", "<>", "!=", ">", "<", ">=", "<=".

OneView: Filter input causes the Get Logical Interconnects List operations to fail.

This is due to a limitation caused by a third-party API.

OneView: The "Fields", "View", and "Query" inputs have been deprecated (OneView 2.0)

Support for these optional inputs was removed as of HP OneView 2.0. Specifying a value for these inputs will be ignored.

OneView: Use of the "Fields", "View", and "Query" inputs will produce inconsistent results (OneView 1.0 – 1.20)

This is due to a limitation caused by a third-party API. Prior to HP OneView 2.0, support for these optional inputs (which filter the responses of operations) was inconsistent. In most cases, using these inputs will not impact the results; however, in some limited cases, they may work as described in the HP OneView documentation.