HP Operations Orchestration 10.x

Windows and Linux Operating Systems

OO Virtualization Content Pack Version 1.5.1

Release Notes

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Introduction

This document provides an overview of the HP Operations Orchestration Virtualization content pack 1.5.1 release. It contains important information that is not included in the manuals or in the online help.

This release supports the following languages:

- en - English

- ja - Japanese

Virtualization content pack 1.5.1 is a cumulative content pack.

What's New

- **VMware vSphere version 6.0** is now supported.

  Support for the following new versions has also been added:

  - VMware ESXi 6.0

  - VMware Virtual Center (vCenter) 6.0

- A new operation, **Delete Virtual Machine**,that can delete VMWare virtual machines, has been added under *Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Virtual Machines/*.

- New operations, **Get Virtual NIC**, **Remove Physical NIC**, **Configure Physical NIC**, **Remove NIC**, **Add Physical NIC** and **Create NIC**, have been added under */Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Network/*.

Enhancements

- A new input, **socketTimeout** that adds a socket timeout feature, has been added to **Simple Search** operation under */Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Utilities/*.

  This input has also been added to another operation in the VMWare integration.

- A new operation, **Set Entity Permissions**,that allows you to set permissions for VMWare-managed objects, has been added under */Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Authorization/*.

- The **Configuration** folder under */Virtualization/Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Virtual Machines/* was restructured to be more intuitive and easier to use. The following changes were made:

  - New subfolders were created under **Configuration**: CD and DVD Drives, Controllers, CPUs, Floppy Drives, Hard Disks, Memory, Network Adapters, Resource Settings, Video Cards, VM Options;

  - A new subfolder was created under **Virtual Machines**, named **Folders**. This folder contains the following operations: Create VM Folder, Delete VM Folder, Rename VM Folder, VM Folder Exist;

  - Some of the operations/flows under **Virtual Machines** have been renamed. For example, **Extend Disk on VM** was renamed to **Extend Disk**.

- The following operations, now check that values provided, representing the number of CPUs,CPU cores and RAM memory, do not exceed the VMWare vSphere 6.0 configuration maximum values, when creating or configuring VMWare vSphere 6.0 virtual machines:

  - **Create Virtual Machine** under */Virtualization/Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Virtual Machines/*

  - **Set VM Memory Size** under */Virtualization/Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Virtual Machines/Configuration/*

  - **Set VM CPU Count** under */Virtualization/Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Virtual Machines/Configuration/*

  - **Set VM Cores per Socket** under */Virtualization/Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Virtual Machines/Configuration/*

- New functionality has been added to support adding a virtual NIC on Distributed Port Groups. New inputs, **datacenter**, **distributedPortGroup**, **mtu** and **tsoEnabled**, have been added to the **Add Virtual NIC** operation under */Library/Integrations/VMware/VMware Virtual Infrastructure and vSphere/Network/*.

- All resources have been updated to support the latest values for x86 chip sets, devices, drivers, and guest operating systems.

Content Pack Integrations

The following table lists the integrations that the OO Virtualization content pack supports:

Integration Name	Versions
Citrix Xen Server	5.0, 6.0

Integration Name	Versions
Hyper-V	Windows Server 2008 Windows Server 2008 R2 Windows Servers 2012 Windows Server 2012 R2
Linux KVM	KVM with libvirt 0.8.7
System Center Virtual Machine Manager	2008 R2, 2012, 2012 SP1, 2012 R2
VMware vSphere	4.0, 4.1, 5.0, 5.0u1, 5.1, 5.5, 6.0
VMware ESX	3.5, 4.0, 4.1
VMware ESXi	3.5, 4.0, 4.1, 5.0, 5.1, 5.5, 6.0
VMware Virtual Center (vCenter)	4.0, 4.1, 5.0, 5.1, 5.5, 6.0

Deploying the OO Virtualization Content Pack

OO platform versions 10.00 and later support Virtualization Content Pack 1.5.1. However, it is recommended to deploy the Virtualization Content Pack 1.5.1 on an existing OO platform version of 10.21.0001 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:** 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
QCCR8C2463	VMware: Add Virtual NIC: "Invalid Argument" error unless port group exists and is empty	The **Add Virtual NIC** operation now checks for critical prerequisites and an appropriate error message is displayed if the prerequisites do not exist.
QCCR8C27186	VMware Virtual Infrastructure and vSphere - Connection error messages are not backwards compatible	The correct error messages are now received when incorrect values are entered in the following inputs: **host**, **user**, **password**, **protocol** .
QCCR8C27347	Add vNetwork Distributed Switch - doesn't work for 5.5.0 and 6.0.0 version.	The **Add vNetwork Distributed Switch** operation under */Configurations/Selection Lists/* now works correctly for VMware vNetwork Distributed Switch versions 5.5.0 and 6.0.0.

Known Issues

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

Scvmm: Get Virtual Disk Drive flow change the message returned for invalid template

When run with incorrect values for the **networkUtilization** or **cpuMax** inputs in the **Set Template** flow, flows return a different error message for SCVMM 2012 than for SCVMM 2008 R2.