

HP Operations Orchestration 10.x

Windows and Linux Operating Systems

OO Cloud Content Pack Version 1.3.0

Release Notes

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Contents

Introduction	5
Content Pack Integrations	5
What's New	7
Enhancements	8
Deploying the OO Cloud Content Pack	11
Fixed Defects	12
Known Issues	13

Introduction

This document provides an overview of the HP Operations Orchestration Cloud Content Pack 1.3.0 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
- fr - French
- de - German
- ja - Japanese
- es - Spanish
- zh_CN - Simplified Chinese

OO Cloud Content Pack 1.3.0 is a cumulative Content Pack.

Content Pack Integrations

The following table lists the integrations that the Cloud Content Pack supports:

Integration Name	Versions
Amazon EC2	2009-04-04, 2011-12-15, 2014-06-15
Amazon IAM	2010-05-08
Amazon Load Balancing	2011-11-25, 2012-06-01
Amazon S3	2006-03-01
Amazon Security Token Service	2011-06-15
Amazon VPC	2011-12-15, 2014-06-15

Integration Name	Versions
Open Stack	Diablo 2011.3 Essex 2012.1 Grizzly 2013.1 Havana 2013.2 Helion Public Cloud 13.5 Helion Openstack 1.0 IceHouse 2014.1 Juno 2014.2
VMware vCloud	1.0, 1.5, 5.1, 5.1.1, 5.5

What's New

Amazon Compute EC2-VPC

- Support for Amazon Compute EC2-VPC has been added.

The following new inputs and operations have been added:

- The **Describe Volume Status** operation under */Cloud/Library/Integrations/Amazon/EC2/Elastic Block Store/Volumes/* allows users to see the statuses of the Amazon EBS volumes associated with their **Amazon** account, highlighting the events that can impair the performance of the volumes and the actions that need to be taken in response to those events.

The operation is based on the **DescribeVolumeStatus** API provided by the **Amazon EC2 Query** API.

- The **Describe Volume Attribute** operation was added under the folder */Cloud/Library/Integrations/Amazon/EC2/Elastic Block Store/Volumes/*.

This operation allows users to see attributes of the Amazon EBS volumes associated with their Amazon account, such as the list of productCodes and the status of the **autoEnableIO** feature .

The operation is based on the **DescribeVolumeAttribute** API provided by the **Amazon EC2 Query** API

- The **Modify Volume Attribute** operation was added under the folder */Cloud/Library/Integrations/Amazon/EC2/Elastic Block Store/Volumes/*.

This operation allows users to modify the Auto-Enabled IO attribute of the Amazon EBS volumes.

The operation is based on the **ModifyVolumeAttribute** API provided by the **Amazon EC2 Query** API

- The **Enable Volume IO** operation was added under the folder */Cloud/Library/Integrations/Amazon/EC2/Elastic Block Store/Volumes/*.

This operation enables I/O operations for a volume that had I/O operations disabled because the data on the volume was potentially inconsistent.

The operation is based on the **EnableVolumeIO** API provided by the **Amazon EC2 Query** API

The following enhancements were added in the **Amazon** operations:

- **Create Load Balancer:** This operation supports two types of load balancers: internet-facing and internal. Currently (by default) internet-facing type is used. The following changes were made:

- the **internalScheme** input was added to enable adding a load balancer of type **internal**
- the **subnets** input was added to enable specifying the subnet of the VPC
- the **securityGroups** input was added to enable specifying the security group from VPC

OpenStack Integration

The following new flows have been added:

- A new flow, **OpenStack REST Patch**, was added under the folder */Cloud/Library/Integrations/OpenStack/*.

This flow uses the **HTTP Client Patch** operation in order to support new OpenStack REST API PATCH methods.

Identity Service Integration

- Flows for **Identity Service / Roles** functionality have been added in the *Openstack/Identity Service/Roles* folder.
- Flows for **Identity Service / Groups** functionality have been added in the *Openstack/Identity Service/Groups* folder. This folder contains flows that list, show information for, create and delete groups. It also contains flows that allow users manipulation within the groups.
- Flows for **Identity Service / Projects and Domains** functionality have been added in *Openstack/Identity Service/Projects* and **Openstack/Identity Service/Domains** folders. This folder contains flows that list, show information for, create and delete projects and domains. It also contains flows that allow users, groups and roles manipulation within the projects and the domains.
- Flows for **Identity Service / Users** functionality have been added in the *Openstack/Identity Service/Users* folder.

Enhancements

Amazon Integration

- **Create Volume:** As a result of migration to the latest version of the EC2 API, the **Create Volume** operation for creating a new Amazon EBS volume has changed.

This operation now supports the creation of the following volume types: Magnetic, General Purpose (SSD) and Provisioned IOPS (SSD).

Three new inputs were added for this operations:

- **volumeType**: Specifies the type of the new volume
- **iops**: Specifies the number of I/O operations per second to provision for the volume
- **encrypted**: Specifies whether the new volume should be encrypted
- The Amazon AWS API has been updated to the latest version as follows:
 - EC2 and VPC operations use the 06/15/2014 API version.
 - Load Balancing operations use the 06/01/2012 API version.
- Filter support has been added to the **Describe DHCP Options** operation. You can now specify filters so that the response includes information for only certain sets of DHCP options.
- New filters, **ip-permission.group-id**, **group-id**, **tag-key**, **tag-value**, **vpc-id**, have been added in the **Describe Security Groups** operation.
- As a result of the migration to the latest version of the EC2 API, the following Elastic IP operations have been updated:
 - **Associate Elastic IP**: Updated in order to support association of public IP for a VPC instance by adding inputs for the following API parameters: **allocationId**, **networkInterfaceId**, **privateIpAddress**, **allowReassociation**.

The operation now returns an **associationId**, in case a VPC instance was used.
 - **Allocate New Elastic IP**: Updated in order to support an allocation of an Elastic IP for a VPC instance by adding an input for the domain API parameter.

The operation now returns an **allocationId** for the newly allocated Elastic IP address if the domain used is VPC.
 - **Disassociate Elastic IP**: Updated in order to support a disassociation of Public IP from a VPC instance by adding an input for the **associationId** API parameter.
 - **Release Elastic IP**: Updated in order to support the release of Public IP from a VPC instance by adding an input for the **allocationId** API parameter.
- The following enhancements were also added in Amazon operations:
 - **Create Load Balancer**: The operation supports 2 types of LB: internet-facing and internal. Currently (by default) internet-facing type is used. The following changes were made:
 - - the "internalScheme" input was added to be able to add a LB of the "internal" type
 - - the "subnets" input was added to be able to specify the subnet of the VPC
 - - the "securityGroups" input was added to be able to specify the security group from VPC

OpenStack Integration

- The flows from *OpenStack/Compute/Security Groups* have been updated to work with the latest OpenStack Juno API and are now located in *OpenStack/Networking/Security Groups*. In OpenStack Juno version the Security Groups API works with Neutron (Network) endpoint.
- The flows from *OpenStack/Compute/Block Storage* have been updated to work with the latest OpenStack Block Storage API and are now located in the *OpenStack/Block Storage/Snapshots* and *OpenStack/Block Storage/Volumes* folder.

Deploying the OO Cloud Content Pack

OO platform versions 10.00 and above support Cloud Content Pack 1.3.0. However, it is recommended to deploy the Cloud Content Pack 1.3.0 on an existing OO platform version of 10.10 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/rollback 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
QCCR8C22905	[Amazon] Create Snapshot operation under Amazon EC2 integrations throws NullPointerException	The operations Create User and Create Snapshot no longer need proxy host and port input definitions.
QCCR8C25739	[openstack] OpenStack REST Put is missing the ContentType header in the flow, which is required in order for the flow to work	A new contentType input was added to the OpenStack REST Put flow.
QCCR8C25752	Create User operation from Amazon/IAM integration doesn't work without a proxy	The operations Create User and Create Snapshot no longer need proxy host and port input definitions.

Known Issues

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

Proxy server ignored in Integrations/VMware/VMware Cloud/Organizations/Get Organization Tasks when vCloud host is unreachable

When using the Get Organization Tasks operation under */Integrations/VMware/VMware Cloud/Organizations/Get Organization Tasks* with a vCloud host that is not directly accessible and the vCloud API is not detected, the **proxyHost** and **proxyPort** settings are ignored.

