

# HP Operations Orchestration 10.x

Windows and Linux Operating Systems

OO Cloud Content Pack Version 1.6.0

## Release Notes

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# Introduction

This document provides an overview of the HP Operations Orchestration Cloud content pack version 1.6.0. 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 version 1.6.0 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
HP Helion Eucalyptus	Supported through OO Content for Amazon.
Open Stack	Diablo 2011.3 Essex 2012.1 Grizzly 2013.1 Havana 2013.2 Helion Public Cloud 13.5 Helion Openstack 1.0.x IceHouse 2014.1 Juno 2014.2
VMware vCloud	1.0, 1.5, 5.1, 5.1.1, 5.5

## What's New

The HP Operations Orchestration Cloud content pack now contains additional information that describes which content packs must be deployed along with the Cloud content pack in order to function properly. The content pack dependency information is visible in HP Operations Orchestration starting with version 10.50.

## Deploying the OO Cloud Content Pack

OO platform versions 10.00 and later support Cloud Content Pack 1.6.0. However, it is recommended to deploy the Cloud Content Pack 1.6.0 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:** Cloud Content Pack 1.6.0 is dependent on Base Content Pack 1.5.3. Therefore, Base Content Pack 1.5.3 must be deployed before or together with Cloud Content Pack 1.6.0.

**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
QCCR8C28085	[Amazon] NullPointerException in Modify Instance Attribute EC2 operation	<p>Previously, the Modify Instance Attribute operation from Amazon resulted in a NullPointerException when new added inputs did not exist at the step level. This occurred because the flow was developed with Cloud CP 1.4 (where such inputs did not exist) and was run on Cloud CP 1.5.</p> <p>The Modify Instance Attribute operation is now backwards compatible.</p>



## Limitations

### **Get Bucket Content**

In the **Get Bucket Content** flow under */Library/Integrations/Amazon/S3/Buckets/*, the input values for **marker** and **prefix** must not contain the following characters: '&', '/'.

### **Delete Object**

The **Delete Object** flow under */Library/Integrations/Amazon/S3/Objects/* may not function correctly when handling objects that have names containing the '~' or '&' characters.

### **Upload Folder**

The **Upload Folder** flow under */Library/Integrations/Amazon/S3/Objects/* may not function correctly when handling objects that have names containing the ',' (comma) character.

