



Release Notes for Cisco UCS Manager Plug-In, Release 1.x

For VMware vRealize Orchestrator

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This document describes the system requirements, new features, installable dar details, caveats, and workarounds for Cisco UCS Manager plug-in, Release 1.x for VMware vRealize Orchestrator. This document also includes current information that became available after the technical documentation was published. Use these release notes as a supplement with the other documents listed in the Cisco UCS Manager Documentation Roadmap.

Use these release notes as a supplement with the other documents listed in the documentation roadmap: <http://www.cisco.com/go/unifiedcomputing/b-series-doc>.

Make sure to review other available documentation on Cisco.com to obtain the most current information about Cisco UCS Manager plug-in, release 1.x for VMware vRealize Orchestrator.

Contents

This document includes the following sections:

- [Introduction, page 2](#)
- [Software Requirements, page 2](#)
- [New Features, page 3](#)
- [Known Limitations, page 5](#)
- [Open Caveats, page 6](#)
- [Related Documentation, page 6](#)
- [Obtaining Documentation and Submitting a Service Request, page 6](#)



Introduction

vRealize Orchestrator is a development and process-automation platform that provides a library of extensible workflows. These workflows allow you to create and run automated, configurable processes to manage the VMware vSphere infrastructure. The vRealize Orchestrator uses its open plug-in architecture to allow you to integrate with other management and administration solutions.

The Cisco UCS Manager plug-in for vRealize Orchestrator leverages the open plug-in architecture of the vRealize Orchestrator to integrate the Orchestrator with UCS Manager. After integration, the plug-in enables you to create actions and workflows for managing both UCS and vSphere infrastructure in the datacenter.

Software Requirements

**Note**

Registering a UCS domain from the web configuration tool is not supported on vRealize Orchestrator 6.0.1 version and higher. However, you can register the UCS domain through workflows.

VMware vRealize Orchestrator

From UCS Manager plug-in Release 1.0.4 and higher are supported on the following VMware vRealize Orchestrator releases:

- vRealize Orchestrator 7.3.x
- vRealize Orchestrator 7.2.x
- vRealize Orchestrator 7.1.x
- vRealize Orchestrator 7.0.x

UCS Manager plug-in Release 1.0.3 and earlier are supported on the following VMware vRealize Orchestrator releases:

- vRealize Orchestrator 7.0.x
- vRealize Orchestrator 6.0.x
- vCenter Orchestrator 5.5.x
- vCenter Orchestrator 5.1.x

Cisco Unified Computing System Manager

This version of the plug-in supports the following major release of UCS Manager:

- UCS Manager Release 3.2(x)
- UCS Manager Release 3.1(x)
- UCS Manager Release 3.0(x)
- UCS Manager Release 2.2(x)
- UCS Manager Release 2.1(x)

New Features

New Features in Release 1.0.4

- Supports all vRO 7.0, 7.1, 7.2, and 7.3 platforms
- Added actions to support UCS Manager Release 3.1(2b)
- Enhancement to fix action input validation
- Added support to save configuration data as vRO resource
- Removed deprecated Web Configuration UI. From this release onwards, UCS Manager plug-in can be configured through workflows only
- Enhancement to inventory to view FI-IO objects for UCS mini server, and SIOC and Storage enclosures for 3x60 servers.
- Enhancement to utilize ISslService for all secure connections from the UCS Manager plug-in to resolve any secure connection related issues
- Support for TLSv1.2 protocol for secure connections
- Enhancement to new installation format as .vmoapp

New Features in Release 1.0.3

Support for VMware vRealize Orchestrator Release 7.0(x)

Support for the VMware vRealize Orchestrator Release 7.0(x) includes the following:

- Installation of the plug-in using the **Control Center** of vRealize Orchestrator
- Support to register and manage UCS domains in the new configuration interface
- Enhancement to set log levels for the configuration server
- Enhancement to register the Cisco UCS domain using workflow

New Features in Release 1.0.2

New and Changed Workflows

Added the following new workflows:

- Add a UCS Domain Instance– Allow you to register a UCS domain
- Modify a UCS Domain Instance– Allow you to modify the parameters of the selected UCS domain
- Remove a UCS Domain Instance– Allow you to remove the selected UCS domain instance

Enhanced the following existing workflows:

- Get UCS Service Profile from ESX Host– Allow you to select the service profile if the blade or rack unit association property has a value associated
- Get ESX Host from UCS Service Profile– Displays more details on the log messages

New Actions

Added the following new actions:

- addUcsDomain– Allow you to add a UCS domain instance in vRealize Orchestrator inventory
- modifyUcsDomain– Allow you to modify a UCS domain instance in vRealize Orchestrator inventory
- removeUcsDomain– Allow you to remove a UCS domain instance from vRealize Orchestrator inventory
- getComputeNodes– Allow you to search all blades and rack units based on the input search criteria

Changed Actions

Modified the following existing action:

- getMoFieldOptions– Allow you to optimize to get MO field options for more fields

Installation Notes

Cisco UCS Manager plug-in for VMware vRealize Orchestrator enables you to register and manage Cisco UCS domains. When you install Cisco UCS Manager plug-in, register UCS domains individually using UCS Manager user account.

For installation instructions, see [Installing the Plug-in](#).

New Features in Release 1.0.1

The Cisco UCS Manager plug-in release 1.0.1 for vRealize Orchestrator supports the following features:

- Configuration interface to register and manage UCS domains in the vRealize Orchestrator.
- Around 1800 vRealize Orchestrator actions to get, set, add, and remove UCS managed objects of all features available in the UCS Manager Release 2.2(3a).
- Equipment and server-related managed objects in the UCS domain are enabled as inventory objects.
- Canned workflows.
- vRealize Orchestrator actions for the following operations:
 - Import and export UCS backup
 - Clone and rename service profile
 - Associate and disassociate service profile
 - Create service profile from the template
 - Get UCS tech support file

For more details, see the Cisco UCS Manager Plug-in for [VMware vRealize Orchestrator User Guide](#).

Known Limitations

When running workflow in a debug mode, some workflow may not run in vRealize Orchestrator 6.0.x. This is because the vRealize Orchestrator 6.0.x drops the reference objects of the output in the debug mode.

Open and Resolved Caveats

Resolved Caveat

Defect ID	Description	First Release Affected	Resolved in Release
CSCvb45522	When you enter numeric value for MTU, the setQosClass action fails with the following error: "Validation Exception in UcsmqosclassEthClassified"	1.0.3	1.0.4
CSCvb52176	Actions for port configuration and equipment policy are not available	1.0.3	1.0.4
CSCuw55749	Workflow fails with the following error message: [Ljava.lang.Object; cannot be cast to [Ljava.lang.String;	1.0.1	1.0.2

Open Caveats

The following table lists the open caveats in the UCS Manager vRealize Orchestrator plug-in

Defect ID	Symptom	Workaround	First Affected Release
CSCux38001	UCS Manager inventory does not get auto update when any workflow, such as adding, removing, or modifying UCS object in the inventory.	Right-click the inventory item or the parent of the inventory item which is updated, and select Reload .	1.0.2
CSCuj90474	The Cisco icon is not displayed in the vRealize Orchestrator web configuration UI's left navigation pane. There is no impact on functionality of the Cisco UCS Manager plug-in for the VMware vRealize Orchestrator plug-in.	None	1.0.1
CSCuw02433	No inventory object for EquipmentSwitchIOCard and actions for the MOs introduced in UCS Manager Release 3.0.x.	None	1.0.1

Related Documentation

For more information, you can access related documents from the following links:

- [Cisco UCS Documentation Roadmap](#)
- [Cisco UCS Manager Plug-in User Guide, Release 1.x for VMware vRealize Orchestrator](#)

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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4Release Notes for Cisco UCS Manager Plugin, Release 1.0.4
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