



# Cisco UCS Director Release Notes, Release 5.0

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**First Published: July 31, 2014**

**Revised Date: October 08, 2014**

This document describes the features and known issues for Cisco UCS Director, Release 5.0 software.

[Table 1](#) shows the online change history for this document.

*Table 1 Online History Change*

Release Number	Date	Description
Release 5.0	July 31, 2014	Created release notes for Release 5.0.
	September 1, 2014	Updated workaround for open caveat CSCuq10986.
	September 10, 2014	Updated for patch release 5.0.0.1
	October 8, 2014	Updated the resolved caveats section for release 5.0.0.2.

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# Introduction

Cisco UCS Director delivers unified, highly secure management for supported compute, network, storage, and virtualization platforms and for the industry's leading converged infrastructure solutions, which are based on the Cisco UCS and Cisco Nexus platforms.

Cisco UCS Director extends the unification of computing and network layers through Cisco UCS to provide data center administrators with comprehensive visibility and management capabilities for compute, network, storage, and virtualization.

## System Requirements

Information about the system requirements for Cisco UCS Director, Release 5.0 is available in the installation and upgrade guides for the following:

- VMware vSphere
- Microsoft Hyper-V

## Supported Browser Versions

Cisco UCS Director supports the following browsers:

- Internet Explorer 8 or higher
- Google Chrome 4.1 or higher
- Firefox 3.5 or higher
- Safari 4.0 or higher (for Apple Mac or Microsoft Windows)

Browsers require the Adobe Flash Player 11 plug-in.

## Installation Notes

Cisco UCS Director is a 64-bit appliance that uses a standard virtual machine that is delivered in OVF format for VMware, and in VHD format for Microsoft Hyper-V. It can be hosted on VMware vSphere or vCenter and Microsoft Hyper-V Manager.

For installation instructions, see the following [Cisco UCS Director installation guides](#):

- *Cisco UCS Director Installation and Upgrade on Microsoft Hyper-V Manager, Release 4.1*
- *Cisco UCS Director Installation and Upgrade on VMware vSphere, Release 4.1*



### Note

After you apply the upgrade patch and complete that installation, choose the Start Services option of ShellAdmin to start/restart the Cisco UCS Director services and complete the patch process. The patch process is not complete or successful until the Cisco UCS Director services have started, the Cisco UCS Director appliance GUI is available, the login screen is displayed, and the admin user can log in to Cisco UCS Director.

All Cisco UCS Director services must be stopped before you perform other ShellAdmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.

# New and Changed Features

The following features are available in Cisco UCS Director, Release 5.0:

- [Cisco UCS Director Baremetal Agent Support through Cisco UCS Director, page 3](#)
- [New Features for Cisco UCS Director Self-Service Portal, page 3](#)
- [Role-Based Access Control Enhancements, page 4](#)
- [LDAP Integration Enhancements, page 4](#)
- [New Compute Features, page 4](#)
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- [New Converged Infrastructure Features, page 5](#)
- [Orchestration and Workflow Enhancements, page 6](#)
- [New Application Container Features, page 6](#)
- [Report Enhancements, page 6](#)
- [Metering and Chargeback Enhancements, page 6](#)

**Note**

More information about supported software versions and hardware devices is available in the [Compatibility Matrix for Cisco UCS Director, Release 5.0](#).

## Cisco UCS Director Baremetal Agent Support through Cisco UCS Director

Cisco UCS Director Baremetal Agent is now supported through Cisco UCS Director with support that includes the following:

- Automating the process of Pre-Boot Execution Environment (PXE) servers
- Providing the following services that are required for a functional PXE install environment: Dynamic Host Control Protocol (DHCP), Hypertext Transfer Protocol (HTTP), and Trivial File Transfer Protocol (TFTP)
- Installing a set of supported operating system images on baremetal servers or virtual machines

## New Features for Cisco UCS Director Self-Service Portal

The Cisco UCS Director Self-Service Portal has been updated with the following features:

- Catalog creation
- Templates
- Configuration management
- User-level views
- Report generation

## Role-Based Access Control Enhancements

Role-based access control for Cisco UCS Director now supports the following:

- User roles that determine the read-write permissions to be given to users who are assigned that role.
- User access profiles that enable you to assign more than one role to a user and to define the resources that can be viewed by users who are assigned that profile.
- Group share policies that give users more control of resources and which resources can be shared with other users. With this policy, users can view resources that are currently assigned only to them, or can view resources that are assigned to all groups that the users are part of.

## LDAP Integration Enhancements

LDAP integration with Cisco UCS Director now provides support for the following:

- Improved user, group, and access control policy integration
- Multiple LDAP servers and accounts
- SSL support for LDAP (Microsoft Active Directory and OpenLDAP)
- OpenLDAP directory support

## New Compute Features

Cisco UCS Director now supports the following:

- Cisco UCS Manager, Release 2.2(2c)
- Cisco UCS Manager, Release 2.2 (1d)
- HP C7000 with Onboard Administrator (HP OA) version 3.60

## New Networking Features

Networking support now includes the following:

- Cisco Nexus 9396
- Cisco Nexus 9508
- Cisco Nexus 7700
- Cisco Adaptive Security Virtual Appliance (ASAv), Release 9.3.1
- F5 Load Balancer Big-IP2200 version 11.5.1 (physical device only)

## New Storage Features

Storage support now includes the following:

- EMC VPLEX version 5.2
- EMC Isilon version 7.1.0.0
- EMC RecoverPoint version 4.0.2

## New Virtualization Features

**VMware vSphere**—Support is available for VMware vSphere 5.5 and the following features and enhancements:

- VMware vMotion
- Site Recovery Manager
- Linked clone
- Storage vMotion
- VM-FEX Adapter
- Host profile
- VM Provisioning using an ISO Image
- Template management
- Data store cluster support
- VMRC Console support
- DRS VM affinity rules
- VM annotation

**RedHat Enterprise Virtualization Manager**—Support is available for the RedHat Enterprise Virtualization Manager (RHEV-M 3.2 and RHEV-M 3.3) connector for the standard Red Hat Enterprise Linux 6 kernel with the following features:

- Management of the Red Hat Enterprise Virtual Machine Manager through the REST API
- Basic inventory
- VM/Host level monitoring
- VM basic power actions and snapshot actions.
- Provisioning services as follows:
  - Compute Policy—Memory and CPU resize options
  - Storage Policy—Local, NFS, and ISCSI storage types
  - Network Policy—Multiple NICs

## New Converged Infrastructure Features

**FlexPod**—Support has been added for the following:

- Cisco Nexus 9396
- Cisco Nexus 9508
- Cisco Nexus 7700
- Cisco Secure Enclave Architecture

**EMC VPLEX**—Support has been added for VPLEX clusters.

## Orchestration and Workflow Enhancements

Orchestration in Cisco UCS Director now provides support for the following in orchestration workflows and tasks:

- Versioning
- Run Book creation
- Conditional statements
- Looping
- Multi user approval - AND condition
  - User Approval Task
  - Custom Approval Task
  - VDC Approval Task

**Cloupia Script® Interpreter**—The Cloupia Script interpreter is a JavaScript interpreter populated with built-in libraries and APIs. You can use the Cloupia Script Interpreter to execution functions, define variables, and functions.

## New Application Container Features

Application containers in Cisco UCS Director now provide support for the following:

- Virtual extensible local area network (VXLAN)
- F5 load balancing

## New PowerShell API Support

Cisco UCS Director now supports the Microsoft PowerShell API, including the following:

- PowerShell cmdlet wrappers to Cisco UCS Director REST APIs
- PowerShell cmdlet wrappers for the Legacy JSON-based APIs that aid in workflow management

## Report Enhancements

Cisco UCS Director now provides users with the ability to create and generate customized reports.

## Metering and Chargeback Enhancements

Cisco UCS Director now presents the cost computation at the beginning of metering and chargeback, rather than the end.

# New and Changed Documentation

In addition to these Release Notes, the following Cisco UCS Director documentation was created for Release 5.0.



Note

You can access all Cisco UCS Director documentation through the [Cisco UCS Director Documentation Roadmap](#).

To be published to Cisco.com on July 31, 2014:

- *Cisco UCS Director Compatibility Matrix, Release 5.0*
- *Cisco UCS Director Installation and Upgrade on Microsoft Hyper-V Manager, Release 5.0*
- *Cisco UCS Director Installation and Upgrade on VMware vSphere, Release 5.0*
- *Cisco UCS Director Baremetal Agent Installation and Configuration Guide, Release 5.0*
- *Cisco UCS Director Administration Guide, Release 5.0*
- *Cisco UCS Director Orchestration Guide, Release 5.0*
- *Cisco UCS Director VMware vSphere Management Guide, Release 5.0*
- *Cisco UCS Director Integration Guide for Microsoft System Center Virtual Machine Manager, Release 5.0*
- *Cisco UCS Director EMC Isilon Management Guide, Release 5.0*
- *Cisco UCS Director FlexPod Management Guide, Release 5.0*
- *Cisco UCS Director EMC VPLEX Management Guide, Release 5.0*
- *Cisco UCS Director Vblock Management Guide, Release 5.0*
- *Cisco UCS Director Public Cloud Management Guide, Release 5.0*
- *Cisco UCS Director REST Developer Guide, Release 5.0*
- *Cisco UCS Director Open Automation Developer Guide, Release 5.0*
- *Cisco UCS Director F5 BIG-IP Management Guide, Release 5.0*

To be published to Cisco.com by August 4, 2014:

- *Cisco UCS Director Application Containers Guide, Release 5.0*
- *Cisco UCS Director Self-Service Portal Guide, Release 5.0*
- *Cisco UCS Director Shell Guide, Release 5.0*
- *Cisco UCS Director HP Onboard Administrator Management Guide, Release 5.0*
- *Cisco UCS Director Red Hat Enterprise KVM Management Guide, Release 5.0*
- *Cisco UCS Director PowerShell API User Guide, Release 5.0*
- *Cisco UCS Director Management Guide for Cisco UCS Manager, Release 5.0*
- *Cisco UCS Director Cloupia Script Configuration Guide, Release 5.0*
- *Cisco UCS Director EMC VNX Management Guide, Release 5.0*
- *Cisco UCS Director EMC Symmetrix VMAX Management Guide, Release 5.0*
- *Cisco UCS Director Invicta Management Guide, Release 5.0*
- *Cisco UCS Director Network Devices Management Guide, Release 5.0*

# Caveats

This section includes the following topics:

- [Open Caveats in Release 5.0, page 8](#)
- [Resolved Caveats in Release 5.0, page 13](#)
- [Resolved Caveats in Release 5.0.0.1, page 14](#)
- [Resolved Caveats in Release 5.0.0.2, page 15](#)



**Tip**

Release note information is sometimes updated after these Release Notes are published. Use the [Cisco Bug Search Tool](#) to see the most up-to-date release note information for any caveat listed here.

## Open Caveats in Release 5.0

[Table 2](#) lists the open issues that may impact your testing of the features and enhancements in Cisco UCS Director, Release 5.0.

*Table 2 Open Caveats in Release 5.0*

Defect ID	Symptom	Workaround
CSCup86035	A vDC is configured with a first and a second approver. When a VM is provisioned with the vDC, only the first approver appears in the Service Request status.	There is no known workaround for this issue.
CSCup00032	Comma separated values are not accepted as Admin input for multi-user approval functions in a User Approval task.	Use Task input or execution input for multi-user approval functions.
CSCuq10986	If the name of a workflow in Cisco UCS Director 4.1.x includes the special characters \ (backslash) or ' (single quote), the workflow will not be upgraded to Cisco UCS Director 5.0 due to the special character limitations.	Clone the workflow and then rename the cloned workflow without any special characters. To retain the workflow after you upgrade, you must clone the workflow in Release 4.1.x prior to upgrading to Release 5.0.
CSCup69655	When you edit LDAP users from the Login User tab, the incorrect group is displayed. Instead of the group to which the user belongs, a random group is displayed in the drop-down.	There is no known workaround for this issue.
CSCup48576	Korean—Unable to submit the Configure Lease Time action in Korean.	There is no known workaround for this issue.



Table 2 Open Caveats in Release 5.0

Defect ID	Symptom	Workaround
CSCup44036	<p>REST API—When creating a datastore with netapp vsd, the following issues occur:</p> <p><i>Scenario 1</i>—Selected NetApp C mode account for Filer name, Datastore type as NFS, Cluster Aggregate name.</p> <p>When executed, this returns an error of "field cluster aggregate is empty". When a 7mode account is selected, this field should not be checked since cluster aggregate is applicable only for a Cmode device. When any junk value is given for the cluster aggregate ID by editing the xml and then executed, this error does not occur.</p> <p><i>Scenario 2</i>—Selected NetApp C mode account for Filer name, Datastore type as NFS, Cluster Aggregate name.</p> <p>When executed, this returns an error of "field aggregate is empty". When a Cmode account is selected, this field should not be checked since aggregate field is applicable only for a 7mode device. When any junk value is given for aggregate ID by editing the xml and then executed, this error does not occur.</p> <p><i>Scenario 3</i>—Selected NetApp 7 mode account for Filer name, Datastore type as iSCSI, volume name.</p> <p>When executed, this returns an error of "field cluster volume is empty". When a 7mode account is selected, this field should not be checked since the cluster volume is applicable only for a Cmode device. When any junk value is given for the cluster volume ID by editing the xml and then executed, this error does not occur.</p> <p><i>Scenario 4</i>—Selected NetApp C mode account for Filer name, Datastore type as iSCSI, Cluster volume name.</p> <p>When executed, this returns an error of "field volume is empty". When a Cmode account is selected, this field should not be checked since the volume is applicable only for 7mode device. When any junk value is given for the volume ID by editing the xml and then executed, this error does not occur.</p>	<p>Edit the sample xml manually by giving any value for aggregate, cluster aggregate, volume, cluster volume when the field is required and then execute the task.</p>
CSCup98885	<p>The Assign VLAN to Group task does not display the vDC field after a Nexus 7000 device is selected.</p>	<p>The vDC can be given as input by admin input.</p>

Table 2 Open Caveats in Release 5.0

Defect ID	Symptom	Workaround
CSCum87361	When you execute Configure Trunk Rollback, the port retains the trunk native VLAN, but the port mode is changed to Access.  For Configure Private VLAN Port, after you configure a port and then do a rollback, the port remains in Private VLAN mode.	Change the native VLAN and the private VLAN port type by passing the respective commands using the Execute CLI Commands task.
CSCup66383	The Create ASA Context Action Flow does not list port channels. It lists only L2 interfaces.	Use the Create ASA Context workflow task.
CSCuo21996	Cisco UCS Director displays invalid strings when a workflow that includes custom tasks from an earlier release is imported.	Import the custom workflow task first using the .wfdx file. Then import the workflows using the .wfd file.
CSCup04550	The Execute PowerShell Command workflow task does not display the correct value for Maximum Wait Time after upgrading to Release 5.0.	Do not use a workflow from an earlier release. Create a new workflow for the Execute Powershell command and execute that workflow.
CSCuo74647	Workflow completion e-mail is sent before virtual machine is ready for use when customization is required and the virtual machine is customized from the workflow.	Create a post provisioning workflow to send a second e-mail. In this workflow, insert a WAIT_TASK with the time necessary for sysprep to finish.
CSCup61134	The user input in the Migrate VM task has changed from Host Name to Hostnode Identity.	For workflows from an earlier release, delete the existing Host Name user input, add the Hostnode Identity, and map it.
CSCup85949	Datastore mount and VM creation happens successfully on PowerPath hosts but Stack view information will not be shown.	There is no known workaround for this issue.
CSCup09631	Due to VM provisioning consolidation limitations, the provision later options, Dynamic Datastore and NIC Selection (end-user options) do not work through orchestration.	Set these options in the Service Request.
CSCup92660	The Modify VM Network task is failing when VMWare Inventory task is running in parallel.	Increase the time stamp for VMWare inventory for the VMWare Inventory task.
CSCuq09385	Cannot submit the consistency group task. An error message indicating an invalid work flow exception is displayed.  While creating consistency groups with the detach rule as "no automatic winner", if a workflow is submitted and executed, it will through invalid work flow exception. If the workflow is re-opened, then it expects the delay input as well.	While creating the consistency groups with the detach rule as "no automatic winner", reopen the task and provide the delay input and execute the workflow.
CSCup60429	NetApp OnCommand shows the inventory for only NetApp 7mode filers and not cluster mode in Cisco UCS Director.	There is no known workaround for this issue.

Table 2 Open Caveats in Release 5.0

Defect ID	Symptom	Workaround
CSCuq04489	<p>VM Clone with VSC task is failing for ONTAP Cluster Mode when the Storage Efficiency option is enabled.</p> <p>This task works only in the ONTAP 7mode but fails for the Cluster Mode.</p>	There is no known workaround for this issue.
CSCuq15568	<p>The Mount ISO Image as CD ROM task is available as an option in the VM Action list.</p> <p>This option is available as an action button for a VM. After executing this task, it does not return a value. While running this task, an exception "Error in operation" is recorded in the log.</p>	There is no known workaround for this issue.
CSCup37013	Without running the inventory, ISO information is not displayed.	You must run the manual inventory at the cloud level to get the ISO details from the data store.
CSCuq11892	The ApplyHostProfiletask will not work until host profile inputs are configured.	<p>Before applying the Host Profile, provide additional inputs after attaching the host to the host profile which can be done as follows:</p> <p>A) Attach host to a host profile.</p> <p>Go to Virtual-&gt; Compute-&gt; Host Profile tab. Navigate to the specific host profile, The Attached Hosts table will appear. Navigate to the specific attached host. The User Inputs table will be shown. Provide a value for each input using the Edit User Input button.</p> <p>If these values are not provided, the Apply Host Profile will fail for that host.</p> <p>If the User Input table is not populated, then use the 'Collect Host Profile Inventory' which is available at per cloud level and as a workflow task. This task will collect host profile related inventory for selected accounts.</p>
CSCuq15405	The Cloud Sense action button is shown under Virtual > Compute > Select SCVMM cloud > Cluster. After navigating to this point, select any cluster. That action button is not applicable to it.	There is no known workaround for this issue.
CSCuq03179	LUN creation happens on the selected Raid Group or Storage Pool but in the Service Request log it shows a default input value for the unselected one.	Ignore the unselected input value.
CSCuo71969	<p>Associate virtual volume as shared DS- Datastore mounts on selected multiple hosts but the task fails with the following error message for one of the hosts:</p> <p>Host initiators are not in selected Storage view.</p>	Ignore the error message.

Table 2 Open Caveats in Release 5.0

Defect ID	Symptom	Workaround
CSCup73898	Control not coming back to the UI if an action takes more than 2 minutes.	For such actions, use the workflow task as it will wait for the task to complete. If action is used, reload the page after the UI times out.
CSCuq11753	After upgrade, unable to login to the openLDAP user (Account will be in the report after upgrade) in a multinode setup.	Create a new open Ldap account, then synchronize the users and try to login the open ldap users. Delete the existing openLDAP account and create a new openLDAP account. Then synchronize the users and try to login with a newly synchronized user.
CSCuq07118	In a Multinode setup, PowerShell Agent is unreachable after upgrading Cisco UCS Director to version 5.0.	In Cisco UCS Director, delete the PSA and add it again.
CSCup80224	In a multinode setup, when a KVM VM is provisioned, the SR-Request shows the VM as not discovered.  As a result the VM does not belong to the group in which it is provisioned. It belongs to a default group.	On the menu bar, choose Administration > System > Mail Setup. On this page, provide a Cisco UCS Director server IP.  Now provision the KVM VM. It will be discovered.
CSCuq11825	VMware action buttons are available for a HyperV VM. But these actions do not run on a HyperV VM.	On the menu bar, choose Virtual > Compute > SCVMM cloud > VM> Select VM.  Actions applicable to the selected VM are displayed.
CSCup99230	For a vDC, the compute, storage, and network policies need to have the same cloud.	1. When creating the compute, storage, and network policies, choose the cloud that is already selected for that particular vDC.  2. After you create those policies, select the policy from the LOV.
CSCup96463	Any existing Cisco UCS Director Baremetal Agent accounts in Release 4.x cannot be reached by the Baremetal Agent report after you upgrade Cisco UCS Director to Release 5.0.  After upgrading, the Baremetal Agent account name, user name, password fields display as empty and the connectivity status is shown as Failed. Editing the Baremetal Agent account to provide these parameters does not return the status to Active.	Delete the existing Baremetal Agent account and create a new Baremetal Agent account.
CSCuq12334	Adding an OpenLDAP account with the wrong domain name does not generate an error message. Cisco UCS Director creates an OpenLDAP account with the wrong domain name.	Delete the inaccurate account and create an OpenLDAP account with the correct domain name.

**Table 2** *Open Caveats in Release 5.0*

Defect ID	Symptom	Workaround
CSCup66379	For VM provisioning with a static IP address, Cisco UCS Director does not wait until the customization is completed. Cisco UCS Director needs to wait for the default time (10 minutes) or wait until the static IP address is assigned to the VM.	Wait 10 to 15 minutes and then check to see if the static IP address has been properly assigned to the VM.
CSCuq32448	Invicta (Whiptail) connection error in Cisco UCS Director Release 5.0  When the "test connection" action is performed on an Invicta (Whiptail) account after you have changed the credentials, Cisco UCS Director shows "connection failed" but the status of the account is green until after you perform an inventory.	To see the failed connection status, you must perform an inventory on the Invicta (Whiptail) account. The connection status for the account will then display as red.

## Resolved Caveats in Release 5.0

[Table 3](#) lists the resolved caveats in Cisco UCS Director, Release 5.0.

**Table 3** *Resolved Caveats in Release 5.0*

Defect ID	Symptom
CSCup61134	User input should be mapped for Host node during the upgrade process.
CSCup57198	Need to delete the existing VNX Account and then try to Add new account after the upgrade is done.
CSCuq02560	When using the Delete All network option, all of the 500 networks are not deleted.
CSCup46328	Unable to change the access level for the LDAP users.
CSCup98188	The Submit Workflow for execution is not getting submitted.
CSCuq06201	The created End user service policy does not show up in the report of the patch upgrade setup.
CSCup47751	The Description field is missing in the "Add Account" form for all new connectors.  This is applicable in the "Multi-Domain" and regular Add Account forms.
CSCup49221	Credential policy selection/addition in the Add Account page is inconsistent.
CSCup46871	While executing the custom workflow task, the circle is not drawn in the workflow status tab of the SR.

**Table 3** *Resolved Caveats in Release 5.0 (continued)*

<b>Defect ID</b>	<b>Symptom</b>
CSCUh43866	Execute VM command task do not work for vCenter 5.1 and later versions. This task only works for ESXi version5.0 VMs and VMware Tools should be installed on the VM. The API is not working for ESXi version5.0 above or below versions. For Windows 2012, it is not working.
CSCUi74270	Create datastore using VSC does not allow variables for Datastore Name
CSCUj19580	Deploying a template for Windows 2012, has a problem in network configuration.
CSCUj19695	File explorer task activity is not working.
CSCUj20596	Chargeback Issue after VM Migration
CSCUm78762	Resize LUN to display volume information both for workflow task and UI report action.
CSCUn76945	Issue with HyperV:: Modify CPU and Memory task in Rest API.
CSCUo29234	VM Provisioning is taking time due to changes happened on guest setup task.
CSCUo40797	In email templates both group and vDC label names are not getting converted to Japanese or Spanish.
CSCUo40977	Japanese strings are not converting. Errors with question marks are displayed.
CSCUo56206	Need a comma separation between two emails in the SR-Log
CSCUo62925	The Add VM to Container task (Rollback) is deleting entire VMs on the Container.
CSCUo80327	VMware SDK Exceptions like "Resource in Use" need to be better handled.
CSCUo87703	REST API: userAPIServiceContainerDetails missing data.

## Resolved Caveats in Release 5.0.0.1

Table 4 lists the resolved caveats in Cisco UCS Director, Release 5.0.0.1.

**Table 4** *Resolved Caveats in Release 5.0.0.1*

<b>Defect ID</b>	<b>Symptom</b>
CSCUq37588	The StoragePopulatorTask uses more resources when large datastores are being mounted on several hosts
CSCUq64437	The VM provisioning resource allocation is taking more than an hour.
CSCUq69401	Clusters and Datastore are not populating in the appliance.
CSCUq62929	Generic SAN Zone Task: Zoning Issue with VNX Target Ports
CSCUp54611	Duplicate VM Name is created with extra 'l' appended to the name.
CSCUq24219	Netapp Inventory Report showing no results

**Table 4** Resolved Caveats in Release 5.0.0.1

Defect ID	Symptom
CSCuq32350	NetApp storage information is not getting populated in Cisco UCS Director.
CSCuq48957	End User permission issue for VM actions
CSCuq49361	VM deployment failed with 'Discovered 0 VMs associated with SR' error
CSCuq47877	Inventory of Host and Datastore handler takes a lot of time.
CSCuq34482	Add Network to VM task need default portgroup type and Adapter type

## Resolved Caveats in Release 5.0.0.2

Table 5 lists the resolved caveats in Cisco UCS Director, Release 5.0.0.2.

**Table 5** Resolved Caveats in Release 5.0.0.2

Defect ID	Symptom
CSCuq84691	Output is not listed for Compound Task that have custom task[post-infra restar
CSCuq85221	UCSD 5.0: vLAN name limitation for 32 characters. While creating a vLAN using the Create vLAN task, the following error is displayed: 'Error: Physical VLAN Name should not exceed 32 characters.
CSCuq87181	UCSD 5.0 - Computing Policy-Permitted memory values limit is broken
CSCur02877	The following Cisco products: <ul style="list-style-type: none"> <li>• Cisco UCS Director</li> <li>• Cisco UCS Director Baremetal Agent</li> </ul> include a version of Bash that is affected by the vulnerabilities identified by the Common Vulnerability and Exposures (CVE) IDs: <ul style="list-style-type: none"> <li>• CVE-2014-6271</li> <li>• CVE-2014-6277</li> <li>• CVE-2014-6278</li> <li>• CVE-2014-7169</li> <li>• CVE-2014-7186</li> <li>• CVE-2014-7187</li> </ul> This bug has been opened to address the potential impact on this product. Exposure is not configuration dependent. Authentication is required to exploit this vulnerability.

# Workflow Task Input/Output Changes

Table 6 describes the workflow task input/output changes found in Cisco UCS Director, Release 5.0 and the impact they may have, if any, on your existing workflows.

Table 6 *Input/Output Changes to Workflow Tasks for Release 5.0*

Scenario	Workflow Task	Input/Output Changes	Compatibility with Release 4.1 Workflows
VM	Resize vmware generic datastore (Workflow under default -> CloudGenie folder)	Datastore Name mapping is changed from datastorename to vmwaredatastorename	Binding issues due to changed user input mappings after upgrade (CSCuq06134) Change the user input mappings to the latest one.
	Modify Computing Policy	Resource pool mapping is changed from generic text to vmwareresourcepoolidentity	
Networking	Create Security context Configure context interface Configure context NAT Configure context ACL Remove Security context	Binding error reported while executing the task for the user input field "Context name". Type of User input field "context name" has changed from gen_text_input to "Security context name". So when importing the task into release 5.0, this error is encountered.	Input fields are changing by default for the ASA Security task. (CSCuq09017) Re-validate and submit each task.
HyperV	Resize CPU and Memory	The Memory variable has been modified.	Workflow validation failed with a binding error. (CSCup36186) Workaround: Fix the validation errors by providing the new input values and resubmit the task.
HyperV	Add VM Disk	For the VHD variable, the form field definition has been modified. The FormFieldDefinition.FIELD_TYPE_EM BEDDED_LOV has been modified to FormFieldDefinition.FIELD_TYPE_TABULAR_POPUP. And FormField table NOT_FOUND has been modified to HypervTabularLOV.HYPERV_ALL_LIBRARY_VHD	Workflow validation failed while submitting the task. (CSCup36186) Workaround: Fix the validation errors by providing the new input values and resubmit the task.



Table 6 Input/Output Changes to Workflow Tasks for Release 5.0 (continued)

Scenario	Workflow Task	Input/Output Changes	Compatibility with Release 4.1 Workflows
Network Controller	Remove VPC PortChannel	For the portChannel variable, the UserInputField type has been modified from WorkflowInputFieldTypeDeclaration.NEWORKING_DEVICE_VPC to WorkflowInputFieldTypeDeclaration.NEWORKING_DEVICE_VPC_INTERFACE	Workflow validation did not report a validation error. However, the task submission and execution captured the validation error. (CSCup34631) Workaround: Executing the task completes successfully.
EMC Controller	Create VNX LUN	For the lunID variable, the value of the FormField mandatory property has been modified from FALSE to TRUE.	LUN ID is now mandatory. Execution passes successfully when LUN ID value included and task is exported with proper validation. Workaround: Provide inputs for mandatory fields and specify the LUN size in gigabytes (GBs). Create LUN Task – Name gets overridden with LUN ID if name is substituted with <code>_\${SR_ID}</code> . Workaround: Either give a unique name or create a user input for LUN ID and substitute the name with "LUN_\${LUN ID}". (CSCup38964)
VMWare Controller	Create VMWare Port Group	For the staticIpPool variable, the value of the mandatory FormField parameter has been modified from NOT_FOUND to TRUE	Two fields added as mandatory cause workflow validation failure. (CSCup31756) Workaround: Fix the validation errors by providing the new inputs values and resubmit the task.
		For the subnet Mark variable, the value of the FormField mandatory property has been modified from NOT_FOUND to: TRUE	
VMWare Controller	Create VMKernel Port Group	For the staticIpPool variable, the value of the FormField mandatory property has been modified from NOT_FOUND to: TRUE	Two fields added as mandatory cause workflow validation failure. (CSCup31762) Workaround: Fix the validation errors by providing the new inputs values and resubmit the task.
		For the subnetMask variable, the FormField mandatory property has been modified from NOT_FOUND to TRUE	
VMWare Controller	Migrate VM	For the hostNode variable, the value for the FormField table property has been modified from NOT_FOUND to GlobalConstants.TABULAR_FIELDS.VMWARE_HOST_NODE_TABLE_FIELD	Workflow validation failed as an invalid workflow. Unable to open and edit workflow. (CSCup31545) Workaround: Delete the task and re-add it to the workflow.

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