



# Cisco UCS Director Release Notes for NetApp ONTAP Connector Pack, Release 6.7.x.x

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## Release Notes for NetApp ONTAP Connector Pack

### Cisco UCS Director

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 Unified Computing System (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. For more information, see [Cisco UCS Director on Cisco.com](#).

### Revision History

Release	Date	Description
6.7.2.1	July 4, 2019	Created for Release 6.7.2.1.

### Connector Packs

Connector packs help you perform connector level upgrade in Cisco UCS Director without impacting other connectors and without having to upgrade the entire software version. After claiming Cisco UCS Director in Cisco Intersight, as a system administrator, you can view information on new versions of connector packs that are available for upgrade. The top header pane of the user interface displays a Download icon indicating that new connector pack versions are available. You can select and upgrade the connector packs in Cisco UCS Director.

### NetApp ONTAP Connector Pack

Cisco UCS Director supports the NetApp storage infrastructure. Cisco UCS Director provides auto-discovery, monitoring, and complete visibility for all NetApp filer components, such as nodes, SVMs, IPspaces, aggregates, and SnapMirrors. The NetApp ONTAP connector pack provides features and defect fixes for NetApp storage infrastructure. Using the connector pack, you can upgrade to the latest version of NetApp ONTAP connector pack.

## Upgrading Connector Packs

### Before you begin

- You must have system administrator privileges in Cisco UCS Director.
- Cisco UCS Director has been claimed in Cisco Intersight. For information on claiming a device, see the integrated guided walkthrough titled *Learn How to Claim a Device* available within the **Online Help** menu in the Cisco Intersight user interface.
- Cisco UCS Director is successfully connected to Cisco Intersight.
- Take a snapshot of Cisco UCS Director before you initiate the upgrade.

### Procedure

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**Step 1** On the header, click **New Upgrades Available**.

The **Available System Upgrades** screen appears and will display all available connector packs for upgrade along with version information. Upon login, if you clicked **Yes** to the pop-up message, then the very same upgrade screen appears.

**Note** The **New Upgrades Available** icon is visible on the header only when new versions of the current running connector packs are available for upgrade.

**Step 2** Check the check box of a connector pack from the list.

You can check the check boxes of multiple connector packs.

**Step 3** Click **Upgrade**.

**Step 4** In the **Confirm Upgrade** dialog box, click **Yes**.

After you confirm that the connector version must be upgraded, the validation process is initiated. If the validation process completes successfully, the upgrade process is initiated and the **System Upgrade Status** screen displays the upgrade status. After the upgrade process is successful, the **Logout** option is enabled.

**Step 5** Click **Logout**.

While upgrading a base platform pack that includes changes to all infrastructure components, all Cisco UCS Director services are restarted. As a result, after clicking **Logout**, the screen could appear to be unresponsive for a few minutes. After all the services are restarted, and the upgrade process is complete, you can login to Cisco UCS Director .

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### What to do next

You can view the upgrade reports by choosing **Administration > System > System Updates**. From this screen, you can double-click on a report, and view additional details on the upgrade process. For more information, see [Viewing Connector Pack Upgrade Information](#).

## Viewing Connector Pack Upgrade Information

### Procedure

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- Step 1** Choose **Administration > System**.
- Step 2** On the **System** page, click **System Updates**.  
Information such as upgrade request ID, user that initiated the upgrade, upgrade start time and end time, and the upgrade status are displayed.
- Step 3** Select a connector pack and choose **View Details** to view details such as connector pack name, upgraded version, and prior version.
- Step 4** Click **State History** to view the various states of the connector pack upgrade process. For example, upgrade request received, upgrade process initiated or upgrade process completed.
- Step 5** Click **Stages** to view the entire lifecycle of the connector pack upgrade request.
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## New and Changed Features in Release 6.7.2.1

This section provides an overview of the significant new and changed features in this release.

### Enhancement to enable services while creating logical interface

Creating logical interface (LIF) allows you to enable services, such as Network File System (NFS), Common Internet File System (CIFS), Fibre Channel Protocol (FCP), and Internet Small Computer System Interface (iSCSI). You can perform this using user interface, workflow task, and REST API.

To do so, in the user interface, choose **Physical > Storage**, click the row that includes the NetApp C-Mode account, click **Logical Interfaces**, and click **Create LIF**. On the **Create LIF** screen, complete the following fields:

Name	Description
<b>Role</b> drop-down list	Choose any one of the following as a role of the LIF: <ul style="list-style-type: none"> <li>• <b>Data</b></li> <li>• <b>Intercluster</b></li> <li>• <b>Cluster Management</b></li> </ul>
<b>SVM Name</b> list	Choose an SVM from the list.
<b>Home Node</b> list	Choose a node from the list.
<b>Allowed Protocols</b> list	Choose the allowed protocols from the following list: <ul style="list-style-type: none"> <li>• <b>NFS</b></li> <li>• <b>CIFS</b></li> <li>• <b>iSCSI</b></li> <li>• <b>FCP</b></li> </ul>

Name	Description
<b>Home Port</b> drop-down list	Choose a port from the list.
<b>Logical Interface Name</b> field	Enter the name of the logical interface.
<b>IP Address</b> field	Enter the IP address of the network.
<b>Subnetmask</b> field	Enter the subnet mask of the network.
<b>Failover Policy</b> drop-down list	<p>Choose the failover policy for the LIF:</p> <ul style="list-style-type: none"> <li>• <b>nextavail</b></li> <li>• <b>disabled</b></li> <li>• <b>priority</b></li> </ul> <p><b>Note</b> For iSCSI and FCP LIFs, the failover policy is Disabled. For CIFS LIFs, the default policy is Nextavail.</p>
<b>Use Failover Group</b> drop-down list	<p>Choose the failover group type to specify whether the failover rules are system defined, manually created by the administrator, or disabled:</p> <ul style="list-style-type: none"> <li>• <b>system-defined</b></li> <li>• <b>enabled</b></li> <li>• <b>disabled</b></li> </ul>
<b>Failover Group</b> drop-down list	Choose the failover group to specify the failover group created by the administrator. This field is applicable only when <b>Enabled</b> is selected as the <b>Use Failover Group</b> .
<b>NFS Service Start</b> check box	<p>Check this box to start the NFS service on the SVM.</p> <p>This field is displayed when <b>NFS</b> is selected from the <b>Allowed Protocols</b> list.</p>
<b>Is NFS Access Enabled</b>	<p>Check this box to enable NFS access.</p> <p>This field is displayed only when <b>NFS Service Start</b> is checked.</p>
<b>Is Vstorage Enabled</b>	<p>Check this box to enable Vstorage.</p> <p>This field is displayed only when <b>NFS Service Start</b> is checked.</p>
<b>FCP Service Start</b>	<p>Check this box to start the FCP service on the SVM.</p> <p>This field is displayed when <b>FCP</b> is selected from the <b>Allowed Protocols</b> list.</p>

Name	Description
<b>FCP Target Node Name</b>	Enter the World Wide Node Name (WWNN) that is used to identify the FC node.  This field is displayed only when <b>FCP Service Start</b> is checked.
<b>CIFS Setup</b>	Check this box to setup CIFS on the SVM.  This field is displayed when <b>CIFS</b> is selected from the <b>Allowed Protocols</b> list.
<b>CIFS Server</b>	Enter a name for the CIFS server.  This field is displayed only when <b>CIFS Setup</b> is checked.
<b>Domain Name</b>	The name of the domain that the CIFS server will join. It can be NetBIOS or any fully qualified domain name of the active directory, such as cifsdomain or cifs.domain.com.  This field is displayed only when <b>CIFS Setup</b> is checked.
<b>Admin User</b>	The name of the admin user who has the ability to add the CIFS server to the domain given in the <b>Domain Name</b> field.  This field is displayed only when <b>CIFS Setup</b> is checked.
<b>Admin Password</b>	The password of the admin user.  This field is displayed only when <b>CIFS Setup</b> is checked.
<b>Organizational Unit field</b>	The distinguished name of the organizational unit that the CIFS service will become a member of. By default, the filer will join the 'CN=Computers' organizational unit.  This field is displayed only when <b>CIFS Setup</b> is checked.
<b>Schema drop-down list</b>	Choose the LDAP schema from the list.  This field is displayed only when <b>CIFS Setup</b> is checked.
<b>IP Address</b>	Enter a comma-separated list of LDAP IP addresses.  This field is displayed only when <b>CIFS Setup</b> is checked.

Name	Description
<b>iSCSI Service Start</b>	Check this box to start the iSCSI service on the SVM.  This field is displayed when <b>iSCSI</b> is selected from the <b>Allowed Protocols</b> list.
<b>Alias Name</b>	Enter the iSCSI target alias name for the iSCSI service.  This field is displayed only when <b>iSCSI Service Start</b> is checked.
<b>iSCSI Node Name</b>	Enter the iSCSI target node name for the SVM. The name must start with the prefix "iqn".  This field is displayed only when <b>iSCSI Service Start</b> is checked.

## Open Bugs

There are no open bugs in this release.

## Resolved Bugs

All resolved bugs for this release are available in the Cisco Bug Search Tool.

Bug ID	Headline
<a href="#">CSCvp91761</a>	Unable to rollback snapmirror relationship.
<a href="#">CSCvo75013</a>	Unable to inventory the NetApp snapmirror.

## Communications, Services, and Additional Information

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- To obtain general networking, training, and certification titles, visit [Cisco Press](#).
- To find warranty information for a specific product or product family, access [Cisco Warranty Finder](#).

### Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

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