



Release Notes for Cisco UCS Director Express for Big Data, Release 3.8

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Cisco UCS Director Express for Big Data

Cisco UCS Director Express for Big Data is a single-touch solution within Cisco UCS Director that automates deployment of Big Data infrastructure. Cisco UCS Director Express for Big Data provides a single management pane across physical infrastructure and across Hadoop and Splunk Enterprise software. It supports key Hadoop distributions, including Cloudera, MapR, and Hortonworks.

Cisco UCS Director Express for Big Data delivers end-to-end automation of Hadoop cluster deployment, allowing you to spin up and expand clusters on-demand. The physical infrastructure configuration is handled automatically, with minimal user input. The configuration includes compute, internal storage, network, and installation of operating system, Java packages, and Hadoop, along with the provisioning of Hadoop services. This is achieved through Cisco UCS service profiles wherein both the physical infrastructure and Hadoop configuration are incorporated into a Hadoop cluster deployment profile.

Cisco UCS Director Express for Big Data also delivers end-to-end automation of Splunk cluster deployment, with minimal user input. This is achieved through Cisco UCS service profiles wherein both the physical infrastructure and Splunk configuration are incorporated into a Splunk cluster deployment profile.

Revision History

Release	Date	Description
3.8	March 17, 2021	Created for Release 3.8.

Release	Date	Description
3.8(1.0)	September 29, 2021	<p>Updated to include information on Release 3.8(1.0). See the following sections:</p> <ul style="list-style-type: none">• New and Changed Features in Release 3.8(1.0), on page 5• Supported Migration Paths to Cisco UCS Director, Release 3.8(1.0), on page 6• Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(1.0), on page 7• Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(1.0), on page 10• Open and Resolved Bugs in Release 3.8(1.0), on page 17
3.8(2.0)	December 29, 2021	<p>Updated to include information on Release 3.8(2.0). See the following sections:</p> <ul style="list-style-type: none">• New and Changed Features in Release 3.8(2.0), on page 5• Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(2.0), on page 7• Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(2.0), on page 10• Open and Resolved Bugs in Release 3.8(2.0), on page 17

Release	Date	Description
3.8(3.0)	March 14, 2022	<p>Updated to include information on Release 3.8(3.0). See the following sections:</p> <ul style="list-style-type: none"> • Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(3.0), on page 8 • Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(3.0), on page 11 • Open and Resolved Bugs in Release 3.8(3.0), on page 18
3.8(4.0)	July 15, 2022	<p>Updated to include information on Release 3.8(4.0). See the following sections:</p> <ul style="list-style-type: none"> • Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(4.0), on page 8 • Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(4.0), on page 12 • Open and Resolved Bugs in Release 3.8(4.0), on page 18
3.8(5.0)	December 2, 2022	<p>Updated to include information on Release 3.8(5.0). See the following sections:</p> <ul style="list-style-type: none"> • Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(5.0), on page 8 • Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(5.0), on page 13 • Open and Resolved Bugs in Release 3.8(5.0), on page 19

Release	Date	Description
3.8(6.0)	April 10, 2023	<p>Updated to include information on Release 3.8(6.0). See the following sections:</p> <ul style="list-style-type: none"> • Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(6.0), on page 9 • Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(6.0), on page 14 • Open and Resolved Bugs in Release 3.8(6.0), on page 19
3.8(7.0)	July 4, 2023	<p>Updated to include information on Release 3.8(7.0). See the following sections:</p> <ul style="list-style-type: none"> • Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(7.0), on page 9 • Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(7.0), on page 15 • Open and Resolved Bugs in Release 3.8(7.0), on page 20

New and Changed Features in Release 3.8

This section provides an overview of the significant new and changed features in this release. This section does not provide an exhaustive list of all enhancements included in this release.

- **Data Migration**—This release introduces support for migrating data from Cisco UCS Director Release 6.7.4.x to Cisco UCS Director Release 6.8.

After the migration process, `dhcpd.conf` file of Bare Metal Agent (version 6.7.4.X) appliance is copied into the migrated Bare Metal Agent (version 6.8.0.0) appliance in the `/etc/dhcp` path.



Important We recommend you to use the same PXE VLAN ID for the Bare Metal Agent before and after migration.

Documented in the [Cisco UCS Director Multi-Node Installation and Configuration Guide, Release 6.8](#) and [Cisco UCS Director Bare Metal Agent Installation and Configuration Guide, Release 6.8](#)



Note Big Data customers need to download the standard UCSD image and change the personality to Cisco UCS Director Express for Big Data for enabling the Big Data features.

New and Changed Features in Release 3.8(1.0)

This section provides an overview of the significant new and changed features in this release. This section does not provide an exhaustive list of all enhancements included in this release.

- Data Migration—This release introduces support for migrating data from Cisco UCS Director Release 6.7.4.x to Cisco UCS Director Release 6.8(1.0).

After the migration process, `dhcpd.conf` file of Bare Metal Agent (version 6.7.4.X) appliance is copied into the migrated Bare Metal Agent (version 6.8.1.0) appliance in the `/etc/dhcp` path.



Important We recommend you to use the same PXE VLAN ID for the Bare Metal Agent before and after migration.

Documented in the [Cisco UCS Director Multi-Node Installation and Configuration Guide, Release 6.8](#) and [Cisco UCS Director Bare Metal Agent Installation and Configuration Guide, Release 6.8](#)

- Using MariaDB—Starting with Release 3.8(1.0), Cisco UCS Director Express for Big Data uses MariaDB open source database.



Note Big Data customers need to download the standard UCSD image and change the personality to Cisco UCS Director Express for Big Data for enabling the Big Data features.

New and Changed Features in Release 3.8(2.0)

Cisco UCS Director Release 3.8(2.0) includes fixes for security vulnerabilities reported in releases 3.8 and 3.8(1.0). For information on the security vulnerabilities reported in releases 3.8 and 3.8(1.0), see the security advisories for CVE-2021-44228 and CVE-2021-45046 available at this link:

<https://tools.cisco.com/security/center/publicationListing.x>

System Requirements

The system requirements for this release is available in the *Compatibility Matrix for Cisco UCS Director Express for Big Data Release 3.6* for the following:

- VMware vSphere (ESXi 6.5 or later)

Supported Browser Versions

Cisco UCS Director Express for Big Data supports the following browsers and all browsers require the Adobe Flash Player plug-in version 11 or higher for those 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)

Installation Notes

Cisco UCS Director Express for Big Data is a 64-bit appliance that uses a standard virtual machine that is delivered in OVF format for VMware, and can be hosted on VMware vSphere or vCenter. For the latest patch details, see **Installation and Upgrade Notes** section in the *Cisco UCS Director Release Notes*.

Cisco UCS Director Express for Big Data, Release 3.8 uses a new version of CentOS operating system and My SQL version. The previous releases of Cisco UCS Director Express for Big Data use CentOS version 6.x, which has now reached End of Life. To continue to receive support for security issues and patches, upgrade to Cisco UCS Director Express for Big Data, Release 3.8 and Cisco UCS Director Bare Metal Agent, Release 6.8.

Cisco UCS Director Express for Big Data, Release 3.8(1.0) uses MariaDB.

For installation instructions, see appropriate [Cisco UCS Director installation guide](#) and [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).

Supported Migration Paths to Cisco UCS Director, Release 3.8

The following are the supported migration paths for Cisco UCS Director Express for Big Data, Release 3.8.

See the [Cisco UCS Director Upgrade Guide](#) for detailed steps on how to upgrade to Release 6.7 from your current release.



Important You must upgrade to Cisco UCS Director Express for Big Data, Release 3.7(4.x) before migrating to Cisco UCS Director Express for Big Data, Release 3.8.

Migration Paths from Release 3.7(4.x)

- From Release 3.7(4.0) to Release 3.8
- From Release 3.7(4.1) to Release 3.8
- From Release 3.7(4.2) to Release 3.8
- From Release 3.7(4.3) to Release 3.8

Supported Migration Paths to Cisco UCS Director, Release 3.8(1.0)

The following are the supported migration paths for Cisco UCS Director Express for Big Data, Release 3.8(1.0).

See the [Cisco UCS Director Upgrade Guide](#) for detailed steps on how to upgrade to Release 6.8 from your current release.



Important You must upgrade to Cisco UCS Director Express for Big Data, Release 3.7(4.x) before migrating to Cisco UCS Director Express for Big Data, Release 3.8(1.0).

Migration Paths from Release 3.7(4.x)

- From Release 3.7(4.0) to Release 3.8(1.0)
- From Release 3.7(4.1) to Release 3.8(1.0)
- From Release 3.7(4.2) to Release 3.8(1.0)
- From Release 3.7(4.3) to Release 3.8(1.0)

Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(1.0)

Following are the supported upgrade paths for Cisco UCS Director Express for Big Data, Release 3.8(1.0):

Upgrade Paths from Release 3.8

- From Release 3.8 to Release 3.8(1.0)

Upgrading from Versions Prior to Release 3.8

If you have a version prior to Release 3.8(0.0) installed, you cannot upgrade directly to Release 3.8(1.0). You must first upgrade to Release 3.7(3.0) and Release 3.7(4.0), then upgrade to Release 3.8(1.0).

- From Release 3.5(0.4) to Release 3.7(3.0) to Release 3.7(4.0)
- From Release 3.6(2.0) to Release 3.7(3.0) to Release 3.7(4.0)
- From Release 3.7(3.0) to Release 3.7(4.0)



Important Cisco UCS Director Release 3.7, Release 3.7(1.0), Release 3.7(2.0), Release 3.7(3.0), and Release 3.7(4.0) are no longer available for download. We recommend that you upgrade immediately to Cisco UCS Director Release 3.8(1.0). For more information, contact the Cisco Support Team.

Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(2.0)

Following are the supported upgrade paths for Cisco UCS Director Express for Big Data, Release 3.8(2.0):



Note Cisco UCS Director Release 3.8(2.0) includes fixes for security vulnerabilities reported in releases 3.8 and 3.8(1.0). For information on the security vulnerabilities reported in releases 3.8 and 3.8(1.0), see the security advisories for CVE-2021-44228 and CVE-2021-45046 available at this link:

<https://tools.cisco.com/security/center/publicationListing.x>

Upgrade Paths from Release 3.8(x.x)

- From Release 3.8(1.0) to Release 3.8(2.0)
- From Release 3.8 to Release 3.8(1.0) to Release 3.8(2.0)

Migration from Versions Prior to Release to 3.8

If you have a version prior to Release 3.8 installed, you cannot upgrade directly to Release 3.8(2.0). You must first migrate to Release 3.8(1.0) from Release 3.7(4.x) and then upgrade to Release 3.8(2.0).

Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(3.0)

Following are the supported upgrade paths for Cisco UCS Director Express for Big Data, Release 3.8(3.0):

Upgrade Paths from Release 3.8(x.x)

- From Release 3.8(2.0) to Release 3.8(3.0)
- From Release 3.8(1.0) to Release 3.8(3.0)
- From Release 3.8 to Release 3.8(1.0) to Release 3.8(3.0)

Migration from Versions Prior to Release to 3.8

If you have a version prior to Release 3.8 installed, you cannot upgrade directly to Release 3.8(3.0). You must first migrate to Release 3.8(1.0) from Release 3.7(4.x) and then upgrade to Release 3.8(3.0).

Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(4.0)

Following are the supported upgrade paths for Cisco UCS Director Express for Big Data, Release 3.8(4.0):

Upgrade Paths from Release 3.8(x.x)

- From Release 3.8(3.0) to Release 3.8(4.0)
- From Release 3.8(2.0) to Release 3.8(4.0)
- From Release 3.8(1.0) to Release 3.8(4.0)
- From Release 3.8 to Release 3.8(1.0) to Release 3.8(4.0)

Migration from Versions Prior to Release to 3.8

If you have a version prior to Release 3.8 installed, you cannot upgrade directly to Release 3.8(4.0). You must first migrate to Release 3.8(1.0) from Release 3.7(4.x) and then upgrade to Release 3.8(4.0).

Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(5.0)

Following are the supported upgrade paths for Cisco UCS Director Express for Big Data, Release 3.8(5.0):

Upgrade Paths from Release 3.8(x.x)

- From Release 3.8(4.0) to Release 3.8(5.0)
- From Release 3.8(3.0) to Release 3.8(5.0)
- From Release 3.8(2.0) to Release 3.8(5.0)

- From Release 3.8(1.0) to Release 3.8(5.0)
- From Release 3.8 to Release 3.8(1.0) to Release 3.8(5.0)

Migration from Versions Prior to Release to 3.8

If you have a version prior to Release 3.8 installed, you cannot upgrade directly to Release 3.8(5.0). You must first migrate to Release 3.8(1.0) from Release 3.7(4.x) and then upgrade to Release 3.8(5.0).

Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(6.0)

Following are the supported upgrade paths for Cisco UCS Director Express for Big Data, Release 3.8(6.0):

Upgrade Paths from Release 3.8(x.x)

- From Release 3.8(5.0) to Release 3.8(6.0)
- From Release 3.8(4.0) to Release 3.8(6.0)
- From Release 3.8(3.0) to Release 3.8(6.0)
- From Release 3.8(2.0) to Release 3.8(6.0)
- From Release 3.8(1.0) to Release 3.8(6.0)
- From Release 3.8 to Release 3.8(1.0) to Release 3.8(6.0)

Migration from Versions Prior to Release to 3.8

If you have a version prior to Release 3.8 installed, you cannot upgrade directly to Release 3.8(6.0). You must first migrate to Release 3.8(1.0) from Release 3.7(4.x) and then upgrade to Release 3.8(6.0).

Supported Upgrade Paths to Cisco UCS Director Express for Big Data, Release 3.8(7.0)

Following are the supported upgrade paths for Cisco UCS Director Express for Big Data, Release 3.8(7.0):

Upgrade Paths from Release 3.8(x.x)

- From Release 3.8(6.0) to Release 3.8(7.0)
- From Release 3.8(5.0) to Release 3.8(7.0)
- From Release 3.8(4.0) to Release 3.8(7.0)
- From Release 3.8(3.0) to Release 3.8(7.0)
- From Release 3.8(2.0) to Release 3.8(7.0)
- From Release 3.8(1.0) to Release 3.8(7.0)
- From Release 3.8 to Release 3.8(1.0) to Release 3.8(7.0)

Migration from Versions Prior to Release to 3.8

If you have a version prior to Release 3.8 installed, you cannot upgrade directly to Release 3.8(7.0). You must first migrate to Release 3.8(1.0) from Release 3.7(4.x) and then upgrade to Release 3.8(7.0).

Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(1.0)

You can use the `cucsd_patch_6_8_1_0.zip` file to upgrade Cisco UCS Director Express for Big Data, Release 3.8 to the current patch level.

Procedure

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- Step 1** Install Cisco UCS Director Express for Big Data, Release 3.8(1.0) on Cisco UCS Director, Release 6.8(1.0) platform with the support for personality.
- Step 2** Log in to the current version of Cisco UCS Director Express for Big Data VM console.
- Step 3** In the shelladmin, choose **Stop Services** to stop all services.
- To verify that all services are stopped, choose **Display Services Status**.
- Step 4** Choose **Apply Patch** to apply the patch application on Cisco UCS Director Express for Big Data. For more information, see Digitally Signed Images section in the [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).
- Step 5** When prompted, enter the location of the Cisco UCS Director, Release 6.8.1.0 patch (`cucsd_patch_6_8_1_0.zip`). (For example, `ftp://username:password@hostname|IP_address/software_location_and_name`).
- Step 6** Wait for the download and installation to complete for Cisco UCS Director Express for Big Data, Release 3.8.1.0.
- Step 7** When prompted, choose **Start Services** to start services and complete the patch upgrade process.
- Note** The patch process is not complete or successful until the Cisco UCS Director Express for Big Data services have started. When Cisco UCS Director Express for Big Data is available, the administration can log in to the application.
- All Cisco UCS Director Express for Big Data services must be started before you attempt to perform other shelladmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.
- Step 8** When the patch application is complete, choose **Show Version** in shelladmin to verify the current version of Cisco UCS Director Express for Big Data.
- Step 9** Log in to the Bare Metal Agent (BMA) server using the default credentials (`root/pxeboot`). Copy the `cucsd_bma_patch_6_8_1_0.zip` (BMA patch) file and extract the BMA patch file. Add execute permissions to `applyPatch.sh` (`chmod+x applyPatch.sh`), and execute the `applyPatch.sh` (`./applyPatch.sh`).
- Important** If Bare Metal Agent is upgraded after upgrading Cisco UCS Director Express for Big Data, Release 3.8, you must manually execute the **Update BMA Appliance Task** system task to update the big data changes in the BMA server.
- Step 10** Log in to the Cisco UCS Director Express for Big Data GUI and start the BMA services.
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Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(2.0)

You can use the `cucsd_patch_6_8_2_0.zip` file to upgrade Cisco UCS Director Express for Big Data, Release 3.8 to the current patch level.

Procedure

- Step 1** Install Cisco UCS Director Express for Big Data, Release 3.8(2.0) on Cisco UCS Director, Release 6.8(2.0) platform with the support for personality.
- Step 2** Log in to the current version of Cisco UCS Director Express for Big Data VM console.
- Step 3** In the shelladmin, choose **Stop Services** to stop all services.
To verify that all services are stopped, choose **Display Services Status**.
- Step 4** Choose **Apply Patch** to apply the patch application on Cisco UCS Director Express for Big Data. For more information, see Digitally Signed Images section in the [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).
- Step 5** When prompted, enter the location of the Cisco UCS Director, Release 6.8.2.0 patch (cucsd_patch_6_8_2_0.zip). (For example, ftp://username:password@hostname|IP_address/software_location_and_name).
- Step 6** Wait for the download and installation to complete for Cisco UCS Director Express for Big Data, Release 3.8.2.0.
- Step 7** When prompted, choose **Start Services** to start services and complete the patch upgrade process.
- Note** The patch process is not complete or successful until the Cisco UCS Director Express for Big Data services have started. When Cisco UCS Director Express for Big Data is available, the administration can log in to the application.

All Cisco UCS Director Express for Big Data services must be started before you attempt to perform other shelladmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.
- Step 8** When the patch application is complete, choose **Show Version** in shelladmin to verify the current version of Cisco UCS Director Express for Big Data.
- Step 9** Log in to the Bare Metal Agent (BMA) server using the default credentials (root/pxeboot). Copy the cucsd_bma_patch_6_8_2_0.zip (BMA patch) file and extract the BMA patch file. Add execute permissions to applyPatch.sh (chmod+x applyPatch.sh), and execute the applyPatch.sh (. /applyPatch.sh).
- Important** If Bare Metal Agent is upgraded after upgrading Cisco UCS Director Express for Big Data, Release 3.8, you must manually execute the **Update BMA Appliance Task** system task to update the big data changes in the BMA server.
- Step 10** Log in to the Cisco UCS Director Express for Big Data GUI and start the BMA services.
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Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(3.0)

You can use the cucsd_patch_6_8_3_0.zip file to upgrade Cisco UCS Director Express for Big Data, Release 3.8 to the current patch level.

Procedure

- Step 1** Install Cisco UCS Director Express for Big Data, Release 3.8(3.0) on Cisco UCS Director, Release 6.8(3.0) platform with the support for personality.
- Step 2** Log in to the current version of Cisco UCS Director Express for Big Data VM console.

- Step 3** In the shelladmin, choose **Stop Services** to stop all services.
To verify that all services are stopped, choose **Display Services Status**.
- Step 4** Choose **Apply Patch** to apply the patch application on Cisco UCS Director Express for Big Data. For more information, see Digitally Signed Images section in the [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).
- Step 5** When prompted, enter the location of the Cisco UCS Director, Release 6.8.3.0 patch (cucsd_patch_6_8_3_0.zip). (For example, ftp://username:password@hostname|IP_address/software_location_and_name).
- Step 6** Wait for the download and installation to complete for Cisco UCS Director Express for Big Data, Release 3.8.3.0.
- Step 7** When prompted, choose **Start Services** to start services and complete the patch upgrade process.
- Note** The patch process is not complete or successful until the Cisco UCS Director Express for Big Data services have started. When Cisco UCS Director Express for Big Data is available, the administration can log in to the application.
- All Cisco UCS Director Express for Big Data services must be started before you attempt to perform other shelladmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.
- Step 8** When the patch application is complete, choose **Show Version** in shelladmin to verify the current version of Cisco UCS Director Express for Big Data.
- Step 9** Log in to the Bare Metal Agent (BMA) server using the default credentials (root/pxeboot). Copy the cucsd_bma_patch_6_8_3_0.zip (BMA patch) file and extract the BMA patch file. Add execute permissions to applyPatch.sh (chmod+x applyPatch.sh), and execute the applyPatch.sh (. /applyPatch.sh).
- Important** If Bare Metal Agent is upgraded after upgrading Cisco UCS Director Express for Big Data, Release 3.8, you must manually execute the **Update BMA Appliance Task** system task to update the big data changes in the BMA server.
- Step 10** Log in to the Cisco UCS Director Express for Big Data GUI and start the BMA services.

Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(4.0)

You can use the cucsd_patch_6_8_4_0.zip file to upgrade Cisco UCS Director Express for Big Data, Release 3.8 to the current patch level.

Procedure

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- Step 1** Install Cisco UCS Director Express for Big Data, Release 3.8(4.0) on Cisco UCS Director, Release 6.8(4.0) platform with the support for personality.
- Step 2** Log in to the current version of Cisco UCS Director Express for Big Data VM console.
- Step 3** In the shelladmin, choose **Stop Services** to stop all services.
To verify that all services are stopped, choose **Display Services Status**.
- Step 4** Choose **Apply Patch** to apply the patch application on Cisco UCS Director Express for Big Data. For more information, see Digitally Signed Images section in the [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).

- Step 5** When prompted, enter the location of the Cisco UCS Director, Release 6.8.4.0 patch (cucsd_patch_6_8_4_0.zip). (For example, ftp://username:password@hostname|IP_address/software_location_and_name).
- Step 6** Wait for the download and installation to complete for Cisco UCS Director Express for Big Data, Release 3.8.4.0.
- Step 7** When prompted, choose **Start Services** to start services and complete the patch upgrade process.
- Note** The patch process is not complete or successful until the Cisco UCS Director Express for Big Data services have started. When Cisco UCS Director Express for Big Data is available, the administration can log in to the application.
- All Cisco UCS Director Express for Big Data services must be started before you attempt to perform other shelladmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.
- Step 8** When the patch application is complete, choose **Show Version** in shelladmin to verify the current version of Cisco UCS Director Express for Big Data.
- Step 9** Log in to the Bare Metal Agent (BMA) server using the default credentials (root/pxeboot). Copy the cucsd_bma_patch_6_8_4_0.zip (BMA patch) file and extract the BMA patch file. Add execute permissions to applyPatch.sh (chmod+x applyPatch.sh), and execute the applyPatch.sh (. /applyPatch.sh).
- Important** If Bare Metal Agent is upgraded after upgrading Cisco UCS Director Express for Big Data, Release 3.8, you must manually execute the **Update BMA Appliance Task** system task to update the big data changes in the BMA server.
- Step 10** Log in to the Cisco UCS Director Express for Big Data GUI and start the BMA services.

Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(5.0)

You can use the cucsd_patch_6_8_5_0.zip file to upgrade Cisco UCS Director Express for Big Data, Release 3.8 to the current patch level.

Procedure

- Step 1** Install Cisco UCS Director Express for Big Data, Release 3.8(5.0) on Cisco UCS Director, Release 6.8(5.0) platform with the support for personality.
- Step 2** Log in to the current version of Cisco UCS Director Express for Big Data VM console.
- Step 3** In the shelladmin, choose **Stop Services** to stop all services.
- To verify that all services are stopped, choose **Display Services Status**.
- Step 4** Choose **Apply Patch** to apply the patch application on Cisco UCS Director Express for Big Data. For more information, see Digitally Signed Images section in the [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).
- Step 5** When prompted, enter the location of the Cisco UCS Director, Release 6.8.5.0 patch (cucsd_patch_6_8_5_0.zip). (For example, ftp://username:password@hostname|IP_address/software_location_and_name).
- Step 6** Wait for the download and installation to complete for Cisco UCS Director Express for Big Data, Release 3.8.5.0.
- Step 7** When prompted, choose **Start Services** to start services and complete the patch upgrade process.

Note The patch process is not complete or successful until the Cisco UCS Director Express for Big Data services have started. When Cisco UCS Director Express for Big Data is available, the administration can log in to the application.

All Cisco UCS Director Express for Big Data services must be started before you attempt to perform other shelladmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.

Step 8 When the patch application is complete, choose **Show Version** in shelladmin to verify the current version of Cisco UCS Director Express for Big Data.

Step 9 Log in to the Bare Metal Agent (BMA) server using the default credentials (root/pxeboot). Copy the cucsd_bma_patch_6_8_5_0.zip (BMA patch) file and extract the BMA patch file. Add execute permissions to applyPatch.sh (chmod+x applyPatch.sh), and execute the applyPatch.sh (. /applyPatch.sh).

Important If Bare Metal Agent is upgraded after upgrading Cisco UCS Director Express for Big Data, Release 3.8, you must manually execute the **Update BMA Appliance Task** system task to update the big data changes in the BMA server.

Step 10 Log in to the Cisco UCS Director Express for Big Data GUI and start the BMA services.

Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(6.0)

You can use the cucsd_patch_6_8_6_0.zip file to upgrade Cisco UCS Director Express for Big Data, Release 3.8 to the current patch level.

Procedure

Step 1 Install Cisco UCS Director Express for Big Data, Release 3.8(6.0) on Cisco UCS Director, Release 6.8(6.0) platform with the support for personality.

Step 2 Log in to the current version of Cisco UCS Director Express for Big Data VM console.

Step 3 In the shelladmin, choose **Stop Services** to stop all services.

To verify that all services are stopped, choose **Display Services Status**.

Step 4 Choose **Apply Patch** to apply the patch application on Cisco UCS Director Express for Big Data. For more information, see Digitally Signed Images section in the [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).

Step 5 When prompted, enter the location of the Cisco UCS Director, Release 6.8.6.0 patch (cucsd_patch_6_8_6_0.zip). (For example, ftp://username:password@hostname|IP_address/software_location_and_name).

Step 6 Wait for the download and installation to complete for Cisco UCS Director Express for Big Data, Release 3.8.6.0.

Step 7 When prompted, choose **Start Services** to start services and complete the patch upgrade process.

Note The patch process is not complete or successful until the Cisco UCS Director Express for Big Data services have started. When Cisco UCS Director Express for Big Data is available, the administration can log in to the application.

All Cisco UCS Director Express for Big Data services must be started before you attempt to perform other shelladmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.

- Step 8** When the patch application is complete, choose **Show Version** in shelladmin to verify the current version of Cisco UCS Director Express for Big Data.
- Step 9** Log in to the Bare Metal Agent (BMA) server using the default credentials (root/pxeboot). Copy the `cucsd_bma_patch_6_8_6_0.zip` (BMA patch) file and extract the BMA patch file. Add execute permissions to `applyPatch.sh` (`chmod+x applyPatch.sh`), and execute the `applyPatch.sh` (`./applyPatch.sh`).
- Important** If Bare Metal Agent is upgraded after upgrading Cisco UCS Director Express for Big Data, Release 3.8, you must manually execute the **Update BMA Appliance Task** system task to update the big data changes in the BMA server.
- Step 10** Log in to the Cisco UCS Director Express for Big Data GUI and start the BMA services.

Patch Installation Notes for Cisco UCS Director Express for Big Data Release 3.8(7.0)

You can use the `cucsd_patch_6_8_7_0.zip` file to upgrade Cisco UCS Director Express for Big Data, Release 3.8 to the current patch level.

Procedure

- Step 1** Install Cisco UCS Director Express for Big Data, Release 3.8(7.0) on Cisco UCS Director, Release 6.8(7.0) platform with the support for personality.
- Step 2** Log in to the current version of Cisco UCS Director Express for Big Data VM console.
- Step 3** In the shelladmin, choose **Stop Services** to stop all services.
- To verify that all services are stopped, choose **Display Services Status**.
- Step 4** Choose **Apply Patch** to apply the patch application on Cisco UCS Director Express for Big Data. For more information, see Digitally Signed Images section in the [Cisco UCS Director Express for Big Data Deployment and Management Guide](#).
- Step 5** When prompted, enter the location of the Cisco UCS Director, Release 6.8.7.0 patch (`cucsd_patch_6_8_7_0.zip`). (For example, `ftp://username:password@hostname/IP_address/software_location_and_name`).
- Step 6** Wait for the download and installation to complete for Cisco UCS Director Express for Big Data, Release 3.8.7.0.
- Step 7** When prompted, choose **Start Services** to start services and complete the patch upgrade process.
- Note** The patch process is not complete or successful until the Cisco UCS Director Express for Big Data services have started. When Cisco UCS Director Express for Big Data is available, the administration can log in to the application.
- All Cisco UCS Director Express for Big Data services must be started before you attempt to perform other shelladmin procedures, such as apply additional patches, take a database backup, or restore a database from a backup.
- Step 8** When the patch application is complete, choose **Show Version** in shelladmin to verify the current version of Cisco UCS Director Express for Big Data.
- Step 9** Log in to the Bare Metal Agent (BMA) server using the default credentials (root/pxeboot). Copy the `cucsd_bma_patch_6_8_7_0.zip` (BMA patch) file and extract the BMA patch file. Add execute permissions to `applyPatch.sh` (`chmod+x applyPatch.sh`), and execute the `applyPatch.sh` (`./applyPatch.sh`).

Important If Bare Metal Agent is upgraded after upgrading Cisco UCS Director Express for Big Data, Release 3.8, you must manually execute the **Update BMA Appliance Task** system task to update the big data changes in the BMA server.

Step 10 Log in to the Cisco UCS Director Express for Big Data GUI and start the BMA services.

Open and Resolved Bugs

The open and resolved bugs for this release are accessible through the [Cisco Bug Search Tool](#). This web-based tool provides you with access to the Cisco bug tracking system, which maintains information about bugs and vulnerabilities in this product and other Cisco hardware and software products.



Note You must have a Cisco.com account to log in and access the Cisco Bug Search Tool. If you do not have one, you can [register for an account](#).

For more information about the Cisco Bug Search Tool, see the [Bug Search Tool Help & FAQ](#).

Open and Resolved Bugs in Release 3.8

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8

You can find detailed information about all open bugs in this release through the [open bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (0.0) .
Filter	Choose Open from the Status drop-down list.

Resolved Bugs in Release 3.8

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .

Field	Parameter
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (0.0) .
Filter	Choose Fixed from the Status drop-down list.

Open and Resolved Bugs in Release 3.8(1.0)

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8(1.0)

You can find detailed information about all open bugs in this release through the [open bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (1.0) .
Filter	Choose Open from the Status drop-down list.

Resolved Bugs in Release 3.8(1.0)

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (1.0) .
Filter	Choose Fixed from the Status drop-down list.

Open and Resolved Bugs in Release 3.8(2.0)

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8(2.0)

There are no open bugs in this release.

Resolved Bugs in Release 3.8(2.0)

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (2.0) .
Filter	Choose Fixed from the Status drop-down list.

Open and Resolved Bugs in Release 3.8(3.0)

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8(3.0)

There are no open bugs in this release.

Resolved Bugs in Release 3.8(3.0)

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (3.0) .
Filter	Choose Fixed from the Status drop-down list.

Open and Resolved Bugs in Release 3.8(4.0)

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8(4.0)

There are no open bugs in this release.

Resolved Bugs in Release 3.8(4.0)

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (4.0) .
Filter	Choose Fixed from the Status drop-down list.

Open and Resolved Bugs in Release 3.8(5.0)

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8(5.0)

There are no open bugs in this release.

Resolved Bugs in Release 3.8(5.0)

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (5.0) .
Filter	Choose Fixed from the Status drop-down list.

Open and Resolved Bugs in Release 3.8(6.0)

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8(6.0)

There are no open bugs in this release.

Resolved Bugs in Release 3.8(6.0)

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (6.0) .
Filter	Choose Fixed from the Status drop-down list.

Open and Resolved Bugs in Release 3.8(7.0)

All open and resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the following searches.

The results of that search include workarounds for the bugs, if any.

Open Bugs in Release 3.8(7.0)

There are no open bugs in this release.

Resolved Bugs in Release 3.8(7.0)

You can find detailed information about all resolved bugs in this release through the [resolved bug search in this release](#). This search uses the following parameters:

Field	Parameter
Product drop-down list	Choose Series/Model and enter Cisco UCS Director .
Releases drop-down list	Choose Affecting or Fixed in these Releases and enter 6.8 (7.0) .
Filter	Choose Fixed from the Status drop-down list.

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- To get the business impact you're looking for with the technologies that matter, visit [Cisco Services](#).
- To submit a service request, visit [Cisco Support](#).
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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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