

Non-Admin Tools


Non-Admin Tools Menu

- **List/Edit/Delete Hosts**
 - Display all managed hosts with their connection information. To make changes, click the host name of interest.
- **Edit Current User**
 - Modify the current user authentication and other information.
- **Optimize Software**
 - Optimize the provided software packages by determining if there are any missing pre-requisites.
- **User Preferences**
 - Exclude certain platforms from displaying on the CCO menu.
 - Define Cisco authentication. The authentication is needed for software download.
- **Create Tar File**
 - Create a custom tar file from selected contents of downloaded tar files and/or other files in the internal repository.
- **Custom Command Profile**
 - Create profiles of CLI commands that can be chosen to run during pre-upgrade and post-upgrade install jobs. A diff of the outputs of the CLI commands can be viewed in the logs.

List/Edit/Delete Hosts

List/Edit/Delete Hosts

- Displays all managed hosts and their connection information.
- To delete a host, click the Delete link. This is the only place a host can be deleted.

Managed Hosts									
Region: ALL		 Filter Hosts by Region ▾							
10 ▾ records per page		Search: <input type="text"/>							
Hostname	Hardware	Platform Software	Connection	TS or IP	Port	Jump Server	Username	Action	
9904_EXR	ASR-9904	ASR9K-64 (6.1.1.18I)	telnet	5.34.16.100	Default	gsr-india03-lnx	root	Delete	
ASR9K-WAN	ASR-9001	ASR9K (4.3.1)	telnet	10.51.89.30	Default		root	Delete	
corfu	ASR-9904	ASR9K (5.3.3)	telnet	10.48.32.235	Default		iox	Delete	
CRS	CRS-16/S-B	CRS (5.3.2)	telnet	172.19.68.97	Default		lab	Delete	
freta1	NCS-5508	NCS5500 (6.0.1)	telnet	10.48.42.6	Default		iox	Delete	
freta2	NCS-5508	NCS5500 (6.1.1)	telnet	10.48.42.8	Default		iox	Delete	
NCS1K	NCS1002	NCS1K (6.1.1.18I)	telnet	10.77.132.127	Default		root	Delete	


Edit Current User

Edit User

Edit User


Username

root



Password

Use Password on File



Information

Full Name

admin

Email Address

admin@cisco.com


Save


Cancel


- Modify current user settings.
- To modify the password, click the Lock icon to reveal the password field. Then, make the necessary change.
- The email address specified will be used for email notification if it is enabled by the administrator during install operations.


Optimize Software

Optimize Software

 **Optimize Software**


 Server Repository

 CCO

Optimize 

Paste software packages (SMUs/SPs) below or select them from above sources.

```
asr9k-px-5.3.3.CSCvc38357.pie
asr9k-px-5.3.3.CSCuz89632.pie
asr9k-px-5.3.3.CSCux57115.pie
```

Click 'Accept' to include all missing pre-requisites and remove all superseded packages, if any. 

Click 'Accept (Remove Unrecognized)' to remove entries marked as Unrecognized, if any.

Entries classified as SMU/SP/Package will be included automatically.

```
asr9k-px-5.3.3.CSCvc38357.pie (SMU/SP) - BGP process crash after neighbor config commit
asr9k-px-5.3.3.CSCuz89632.pie (SMU/SP) - ifindex_server process crash with subscriber session churn
asr9k-px-5.3.3.CSCux57115.pie (SMU/SP) - Fix 64-bit warnings in DHCPv4/DPM components and 100G Interface Support
```

Accept

Accept (Remove Unrecognized)


Cancel

- Provide a software package list (SMUs or SPs) using the following methods:
 - Enter them manually.
 - Select from a server repository.
 - Select from CCO.
- The SMU or SP names provided can be in different formats so long as the platform and release are identifiable.
- Click Optimize to optimize the list.
- If there are any missing pre-requisites or superseded packages, an information dialog will be displayed.
- To save the optimized list and use it for the Conformance report, click the Save as Software Profile button.

User Preferences

User Preferences

- Excludes certain platforms and releases from displaying on the CCO menu.
- Defines the CCO authentication information.

 **User Preferences**

Filter Platforms

To exclude certain platforms from displaying on the CCO menu, check the checkbox next to the platform and release.

Search:


<input checked="" type="checkbox"/>	ASR9K-PX	6.0.2
<input checked="" type="checkbox"/>	ASR9K-PX	6.0.1
<input type="checkbox"/>	ASR9K-PX	5.3.31
<input type="checkbox"/>	ASR9K-PX	5.3.4
<input type="checkbox"/>	ASR9K-PX	5.3.3
<input type="checkbox"/>	ASR9K-PX	5.3.2
<input type="checkbox"/>	ASR9K-PX	5.3.1

CCO Authentication

Authentication information is used when downloading files from CCO.

Username

Password



Validate

Save

Create Tar File

Create Tar File

- This feature can be used to create a new tar file sourced from Release Software tar files or SMU files. These files must reside in the CSM Server internal repository.
- For software upgrade, it may be desirable to select only applicable software packages from the Release Software tar file instead of using the entire tar file. This will reduce the download time and the required storage capability on the device. Additional files (SMUs) can also be included.
- For SMU installation, it may be desirable to group all SMU files into a tar file as some software releases have limitation on the number of SMUs allowed during installation. To prepare a tar file for this situation, skip the first two screens of the Create Tar File Wizard.

Create Tar File – Step One: Select Tar Files

Create Tar File

RELEASE SOFTWARE

TAR CONTENTS

ADDITIONAL FILES

SERVER REPOSITORY

Select from the available Release Software files in csm_data/repository to extract their contents.

Available Tar-Files - showing 3

Filter

ASR9K-iosxr-px-5.2.4-turboboot.tar
ASR9K-iosxr-px-5.3.4-turboboot.tar
ASR9K-iosxr-px-k9-6.1.2.tar

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Selected Tar-Files - showing 1

Filter

ASR9K-iosxr-px-5.3.2.tar

Next

- Use the wizard to choose any (or none) of the tar files currently available in the internal repository (i.e. csm_data/repository).
- On the next screen, the contents of the chosen tar files will be displayed for further selection.

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Create Tar File – Step Two: Choose TAR Contents

Create Tar File

RELEASE SOFTWARE

TAR CONTENTS

ADDITIONAL FILES

SERVER REPOSITORY

The following are the contents from the selected tar files. Select which files should be included.

100 records per page

Search:

<input type="checkbox"/>	File Name	Source Tar
<input checked="" type="checkbox"/>	asr9k-bng-px.pie-5.3.2	ASR9K-iosxr-px-5.3.2.tar
<input checked="" type="checkbox"/>	asr9k-mpls-px.pie-5.3.2	ASR9K-iosxr-px-5.3.2.tar
<input type="checkbox"/>	asr9k-doc-px.pie-5.3.2	ASR9K-iosxr-px-5.3.2.tar
<input type="checkbox"/>	asr9k-optic-px.pie-5.3.2	ASR9K-iosxr-px-5.3.2.tar
<input type="checkbox"/>	asr9k-mini-px.pie-5.3.2	ASR9K-iosxr-px-5.3.2.tar

Showing 1 to 5 of 5 entries

Previous

1

Next

- This screen shows all the files contained by the tar files selected in Step One on the previous slide.
- Select the desirable packages from the selected tar files to be included in the new tar file.

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Create Tar File – Step Three: Additional Files

Create Tar File

RELEASE SOFTWARE

TAR CONTENTS

ADDITIONAL FILES

SERVER REPOSITORY

Select any additional files from csm_data/repository that should be included.

Available Files - showing 81

Filter

asr9k-px-5.1.0.CSCut52232.pie
asr9k-px-5.3.0.CSCuz09712.pie
asr9k-px-5.3.1.CSCuu91413.pie
asr9k-px-5.3.1.CSCuw01739.pie
asr9k-px-5.3.1.CSCuw46460.pie
asr9k-px-5.3.1.CSCuw50964.pie
asr9k-px-5.3.1.CSCuw65671.pie
asr9k-px-5.3.1.CSCuw94704.pie
asr9k-px-5.3.1.CSCux01983.pie
asr9k-px-5.3.2.CSCuu83507.pie

Selected Files - showing 3

Filter

asr9k-px-5.3.2.CSCur44662.pie
asr9k-px-5.3.2.CSCur86301.pie
asr9k-px-5.3.2.CSCus67318.pie

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Previous

Next

- This screen shows all of the SMU files that are available in the internal CSM repository.
- Select SMU files to be included in the tar file.

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Create Tar File – Step Four: Server Repository

Create Tar File

RELEASE SOFTWARE

TAR CONTENTS

ADDITIONAL FILES

SERVER REPOSITORY

Select the destination server repository for uploading the new tar file.



New Tar File Name

5.3.2.tar

Server Repository

TFTP-SMU

Server Directory



Previous

Finish

- Specify the new tar file name.
- Select the Server Repository where the new tar file should be placed.
- Select an optional Server Directory if desired.

Custom Command Profile

Custom Command Profile

- Custom Command Profiles can be selected when doing a Pre-Upgrade or Post-Upgrade install job.
- The CLI commands listed in the chosen profile will be run on the host in addition to the default commands (e.g., show running config).
- If both Pre-Upgrade and Post-Upgrade are run, a diff will be calculated and logged.
- Custom Command Profiles can be exported and imported, making them easy to copy and share. Just click the Export button, select the profiles to export, and click 'Export'. To import, click 'Import', select the previously exported .json file, and click 'Import'.

Custom Command Profiles


Create ▾

Import

Export

10 ▾ records per page

Search:

Profile Name	CLI Commands	Created By	Action
Core Device Profile	<div></div> <div>show interfaces summary show ipv6 interface summary show ospf neighbor show ospfv3 neighbor show isis adjacency or show isis neighbors</div>	root	Delete

Showing 1 to 1 of 1 entries

← Previous

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Next →

Create a Custom Command Profile

Create Command Profile

Profile Name

CLI Commands

```
show interfaces summary
show ipv6 interface summary
show ospf neighbor
show ospfv3 neighbor
```

- From the Create tab, click Custom Command Profile.
- Specify the Profile Name.
- Specify the CLI commands to be executed during the Pre/Post-Upgrade install action.
- Click Save to create the custom command profile.