# 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.

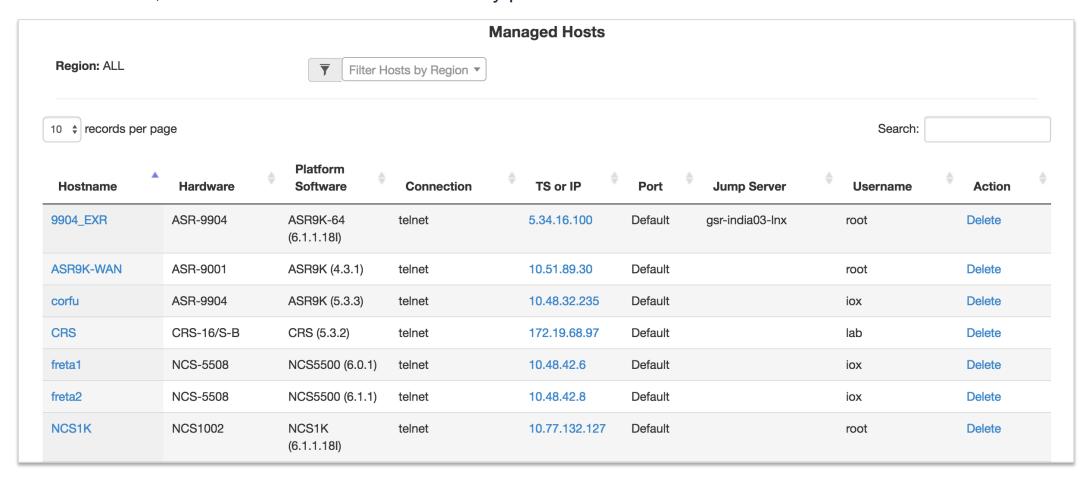
#### Custom Command Profile

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

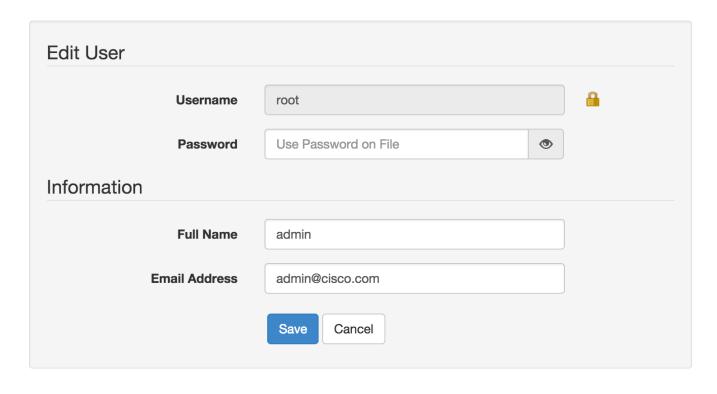
### **List/Edit/Delete Hosts**

- 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.



# Edit Current User

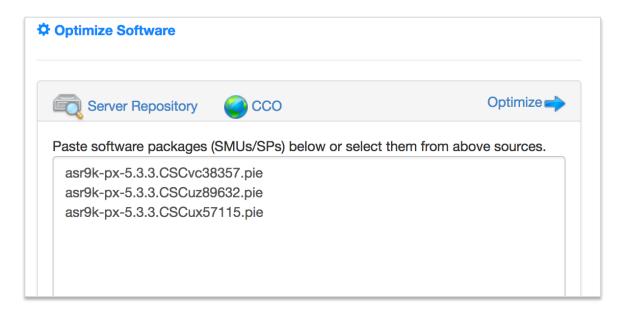
### **Edit User**



- 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**



Click 'Accept' to include all missing pre-requisites and remove all superseded packages, if any.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

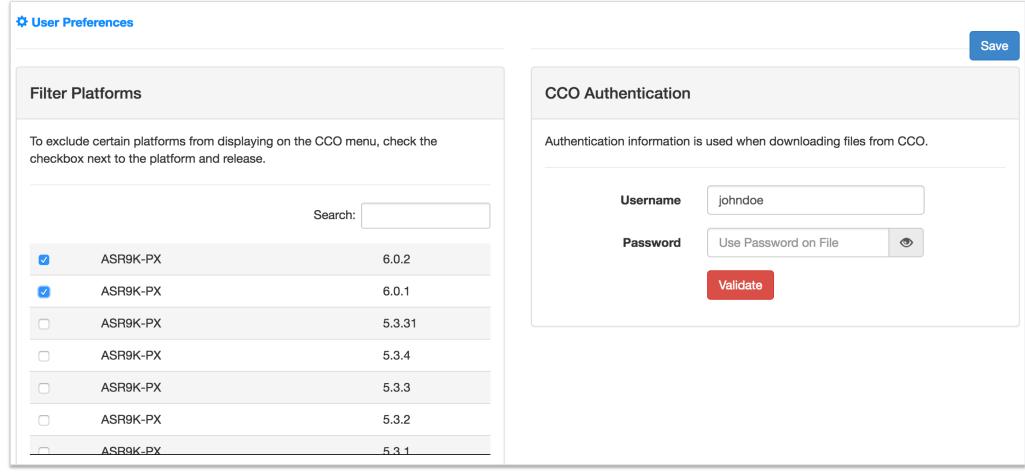
Accept Accept (Remove Unrecognized) Cancel

- 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.

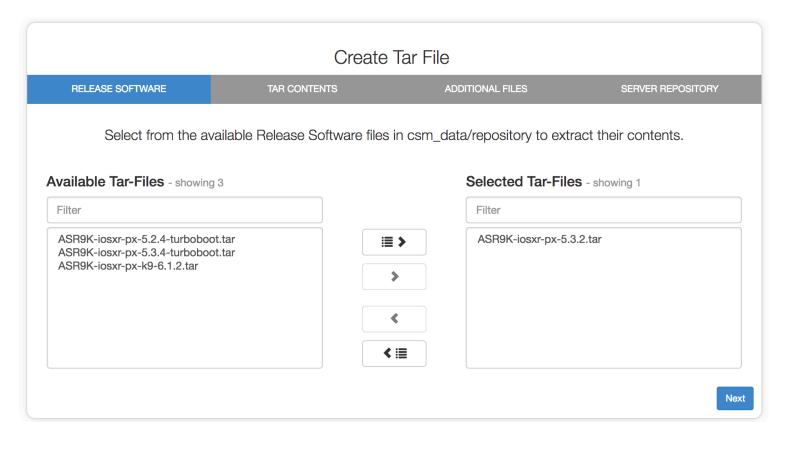


# Create Tar File

### **Create Tar File**

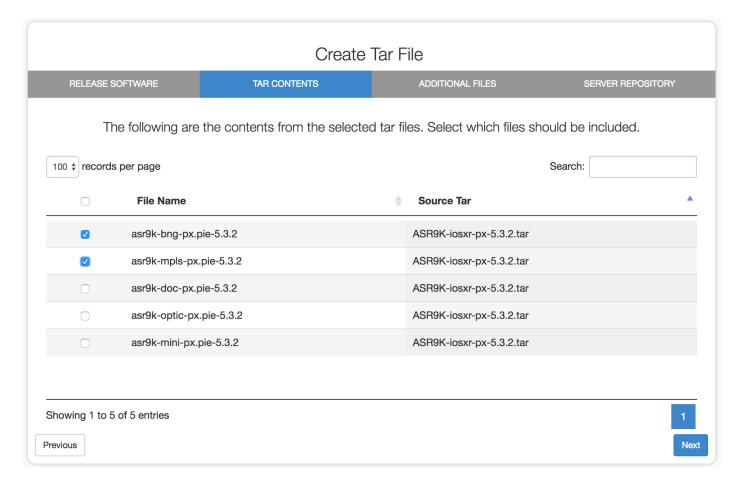
- This feature can be used to create a new tar file sourced from Release Software tar files or SMU files. These files must reside in the CSM Server internal repository.
- For software upgrade, it may be desirable to select only applicable software packages from the Release Software tar file instead of 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



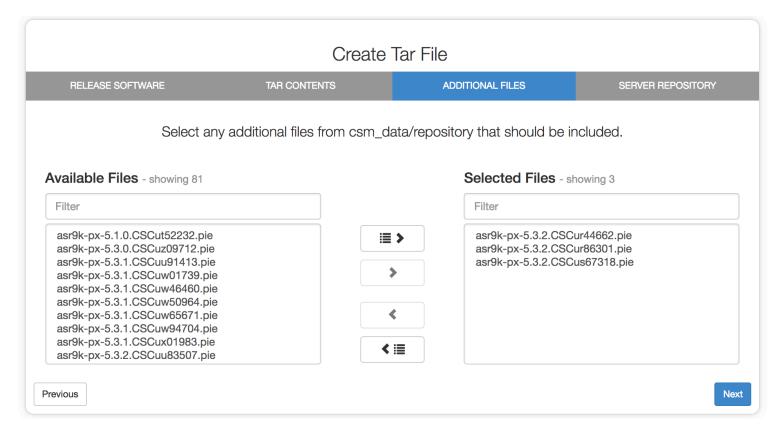
- Use the wizard to choose any (or none) of the tar files currently available in the internal repository (i.e. csm\_data/ repository).
- On the next screen, the contents of the chosen tar files will be displayed for further selection.

## **Create Tar File – Step Two: Choose TAR Contents**



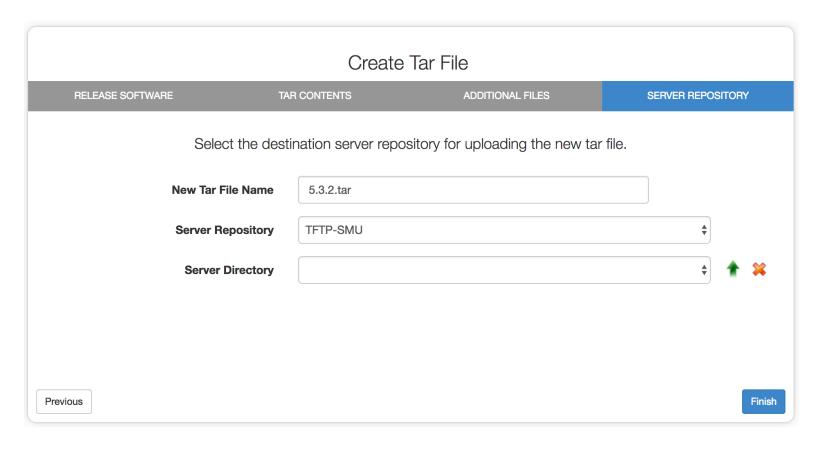
- This screen shows all the files contained by the tar files selected in Step One on the previous slide.
- Select the desirable packages from the selected tar files to be included in the new tar file.

## **Create Tar File – Step Three: Additional Files**



- 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.

## Create Tar File - Step Four: Server Repository

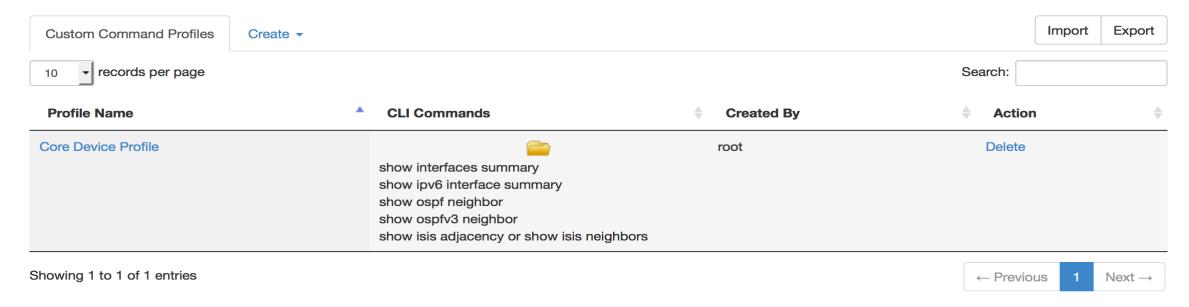


- Specify the new tar file name.
- Select the Server Repository where the new tar file should be placed.
- Select an optional Server Directory if desired.

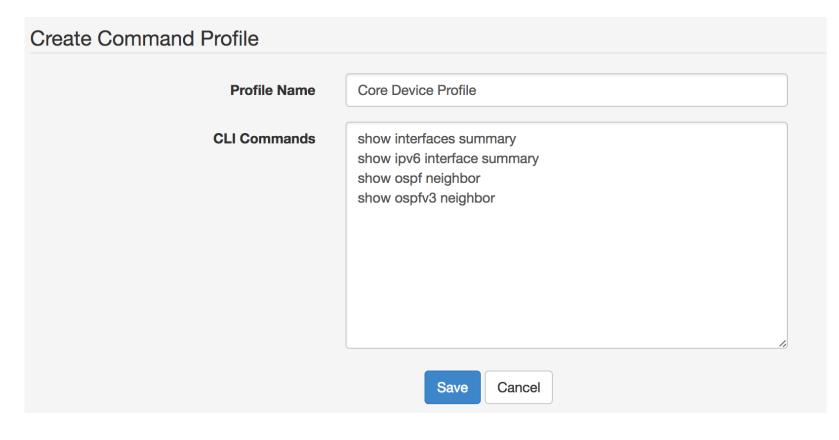
# Custom Command Profile

### **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'.



## **Create a Custom Command Profile**



- 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.