

Software Conformance

Software Conformance

- To access the software conformance function, click Conformance on the main menu bar.
- Using this function, the user can create software profiles to match against devices' software and generate a conformance report.
- The Conformance report contains individual device conformance status and indicates which software packages are missing on those devices.

Conformance Report

Software Profiles

Create ▾

Previously Run Reports

10/06/2015 04:24 PM - 5.3.0 Baseline SMUs ▾

Export

Re-Run

Run Report

Create Software Profile

Create Software Profile


Profile Name


5.3.0 Baseline Packages

Description

For 5.3.0 Release

Select From

 Server Repository

 CCO

Software Packages

asr9k-fpd-px-5.3.0.pie
asr9k-mcast-px-5.3.0.pie
asr9k-mgbl-px-5.3.0.pie
asr9k-mini-px-5.3.0.pie
asr9k-mpls-px-5.3.0.pie

Validate

Save

Cancel

- From the Create tab, click Software Profile.
- Select software packages either from a server repository or directly from CCO. They can also be entered by manual typing.
- The software packages will be used to match against devices' software packages.
- Click Validate to resolve missing pre-requisites or superseded SMUs/SPs.
- The newly created software profile will be displayed on the Software Profiles tab.

Import and Export Software Profiles

Software Profiles can be exported and imported, making them easy to copy and share.

- From the Software Profiles tab, 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’.

Conformance Reports

Software Profiles




Create ▾

Import

Export

10 ▾ records per page

Search:

Profile Name	Software Packages	Created By	Action
Core Routers - ASR9K - 5.3.3		root	Delete
Edge Routers - ASR9K - 5.3.3		root	Delete
Edge Routers - ASR9K - 6.0.0		root	Delete

Showing 1 to 3 of 3 entries

← Previous

1

Next →

Conformance Report tab

Conformance Report

Software Profiles

Create ▾

Previously Run Reports

10/28/2015 04:15 PM - 5.3.0 Baseline SMUs ▾

Export

Re-Run

Run Report

Results:

Summary

Total Hosts: 1

Match Criteria: Active Packages

1 hosts are not in complete conformance (see the 'Missing Packages' column).

100 ▾ records per page

Search:

Software Profile Used ▾

Hostname	Software	Host Packages	Missing Packages	Is Conformed	Action
ASR9K-PE1-R0	asr9k-px 5.3.1	asr9k-doc-px-5.3.1 asr9k-k9sec-px-5.3.1 asr9k-mcast-px-5.3.1 asr9k-mgbl-px-5.3.1 asr9k-mini-px-5.3.1 asr9k-optic-px-5.3.1	asr9k-px-5.3.0.CSCus17352.pie asr9k-px-5.3.0.CSCut47229.pie asr9k-px-5.3.0.CSCuv51175.pie	No (20d 5h 59m ago)	Make Conform

- By default, the Conformance Report tab displays the latest run report.
- Up to 10 conformance reports are stored in the database. The earliest report will be purged to make room for a new report if the maximum is reached.
- Click the Software Profile Used button to see the software packages defined in the software profile.
- Click the Make Conform button to install missing packages onto the device.

Conformance Report – Make Conform

- The Make Conform Dialog provides a mean to install the missing packages onto a device as indicated on the conformance report.

Make Conform: ASR9K-PE1-R0

GENERAL

SERVER REPOSITORY

Install Action

✕ Install Add

Software Packages

asr9k-px-5.3.0.CSCus17352.pie
asr9k-px-5.3.0.CSCut47229.pie
asr9k-px-5.3.0.CSCuv51175.pie

Scheduled Time

10/30/2015 03:42 PM

Next

Previous

Finish

Make Conform: ASR9K-PE1-R0

GENERAL

SERVER REPOSITORY

Skip the server repository selection if there is no Install Add action.

Server Repository

Terastream-tme(172.20.168.195)

Server Directory

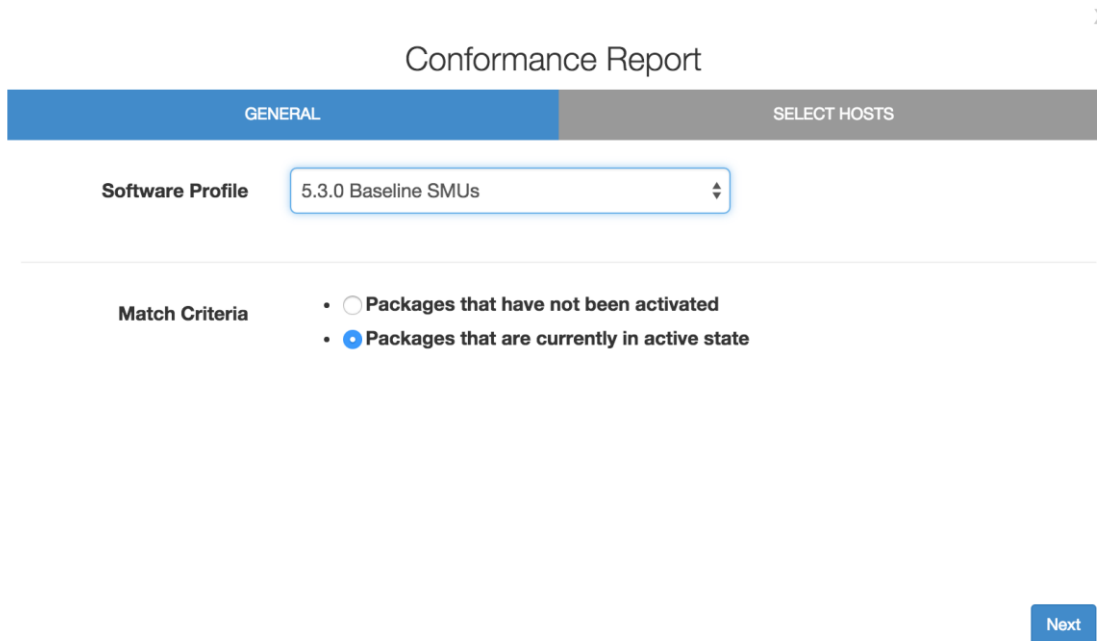
Next

Previous

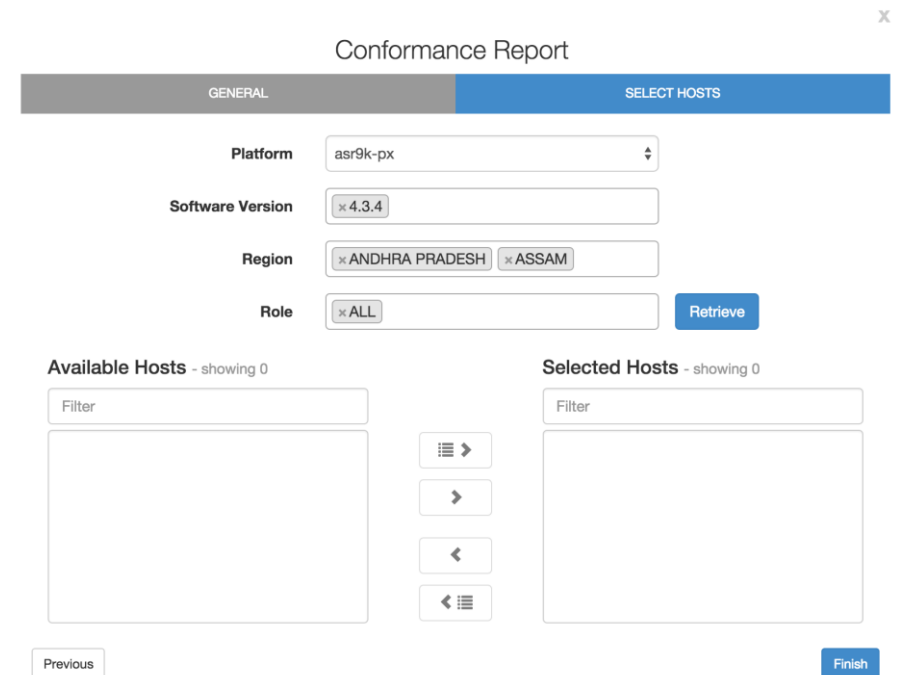
Finish

Run/Re-Run Report

- From the Conformance Report tab, click the Run Report button.
- The Conformance Report Wizard will prompt for the software profile and devices to match against.
- Click the Finish button to generate the report.
- Click the Re-Run button to re-run a report with the same selected devices.



The screenshot shows the 'Conformance Report' wizard in its first step, 'GENERAL'. The title bar includes a close button (X). The interface has two tabs: 'GENERAL' (active) and 'SELECT HOSTS'. Under 'Software Profile', a dropdown menu is set to '5.3.0 Baseline SMUs'. Under 'Match Criteria', there are two radio buttons: 'Packages that have not been activated' (unselected) and 'Packages that are currently in active state' (selected). A blue 'Next' button is located at the bottom right.



The screenshot shows the 'Conformance Report' wizard in its second step, 'SELECT HOSTS'. The title bar includes a close button (X). The interface has two tabs: 'GENERAL' and 'SELECT HOSTS' (active). Under 'Platform', a dropdown menu is set to 'asr9k-px'. Under 'Software Version', a text input field contains '4.3.4'. Under 'Region', there are two checkboxes: 'ANDHRA PRADESH' and 'ASSAM', both of which are selected. Under 'Role', a dropdown menu is set to 'ALL'. A blue 'Retrieve' button is located to the right of the 'Role' dropdown. Below the configuration fields, there are two sections: 'Available Hosts - showing 0' and 'Selected Hosts - showing 0'. Each section has a 'Filter' input field and a large empty box for displaying hosts. Between these two sections are four buttons: a list icon with a right arrow, a right arrow, a left arrow, and a list icon with a left arrow. At the bottom left is a 'Previous' button, and at the bottom right is a blue 'Finish' button.

Export

Software Conformance Report

10/06/2015 04:38 PM

Summary:

Total Hosts: 6

Match Criteria: Active Packages

Results:

4 hosts are not in complete conformance (see the 'Missing Packages' column)

1 hosts failed last software inventory retrieval (see '*' in the 'Conformed' column)

Software Profile: 5.3.0 Baseline Packages

asr9k-fpd-px-5.3.0.pie
asr9k-mcast-px-5.3.0.pie
asr9k-mgbl-px-5.3.0.pie
asr9k-mini-px-5.3.0.pie
asr9k-mpls-px-5.3.0.pie

Hostname	Software	Active Packages	Missing Packages	Conformed
ommaurya-IM5455-P2	asr9k-px 5.3.1.19J	asr9k-fpd-px-5.3.1.19J asr9k-mcast-px-5.3.1.19J asr9k-mgbl-px-5.3.1.19J asr9k-mini-px-5.3.1.19J asr9k-mpls-px-5.3.1.19J asr9k-px-5.3.1.19J.CSCus85349-0.0.7.i asr9k-px-5.3.1.19J.CSCus96502-0.0.6.i asr9k-px-5.3.1.19J.CSCus97573-0.0.2.i	asr9k-fpd-px-5.3.0.pie asr9k-mcast-px-5.3.0.pie asr9k-mgbl-px-5.3.0.pie asr9k-mini-px-5.3.0.pie asr9k-mpls-px-5.3.0.pie	No (16h 26m 48s ago)
ommaurya-VKG03-PE1	asr9k-px 5.3.0	asr9k-fpd-px-5.3.0 (matched) asr9k-mcast-px-5.3.0 (matched) asr9k-mgbl-px-5.3.0 (matched) asr9k-mini-px-5.3.0 (matched) asr9k-mpls-px-5.3.0 (matched)		Yes (16h 28m 20s ago)
ommaurya-VKG11-P1	asr9k-px 5.3.0	asr9k-mcast-px-5.3.0 (matched) asr9k-mgbl-px-5.3.0 (matched) asr9k-mini-px-5.3.0 (matched) asr9k-mpls-px-5.3.0 (matched)	asr9k-fpd-px-5.3.0.pie	No (16h 27m 42s ago)
ommaurya-VKG19-CE2	asr9k-px 4.2.1	asr9k-9000v-nV-px-4.2.1 asr9k-mcast-px-4.2.1 asr9k-mgbl-px-4.2.1 asr9k-mini-px-4.2.1 asr9k-mpls-px-4.2.1	asr9k-fpd-px-5.3.0.pie asr9k-mcast-px-5.3.0.pie asr9k-mgbl-px-5.3.0.pie asr9k-mini-px-5.3.0.pie asr9k-mpls-px-5.3.0.pie	No (267d 15h 35m ago) *

- From the Conformance Report tab, click the Export button.
- A Microsoft Excel compatible file is generated and downloaded by the browser.
- The Conformed column displays the device conformance status. It also displays the latest software inventory retrieval time. An '*' indicates a failed retrieval.