

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- Click Validate to resolve missing pre-requisites or superseded SMUs/SPs.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.

Conformance Report tab

Conformance Report

Software Profiles

Create ▾

Previously Run Reports

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

Export

Re-Run

Run Report

Software Profile ▾

Total Hosts: 1

Match Criteria: Active Packages

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

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

100 ▾ records per page

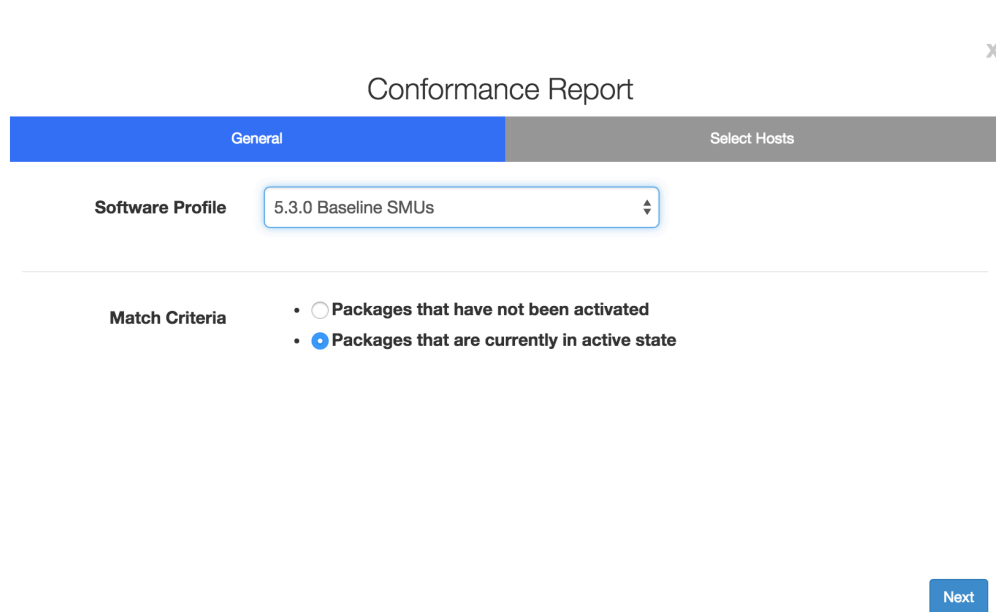
Search:

Hostname	Software	Host Packages	Missing Packages	Conformed
ASR9K-PE1-R0	asr9k-px 5.1.0	asr9k-doc-px-5.1.0 asr9k-fpd-px-5.1.0 asr9k-k9sec-px-5.1.0 asr9k-mcast-px-5.1.0 asr9k-mgbl-px-5.1.0 asr9k-mini-px-5.1.0 asr9k-optic-px-5.1.0	asr9k-px-5.3.0.CSCus17352.pie asr9k-px-5.3.0.CSCut47229.pie asr9k-px-5.3.0.CSCuv51175.pie	No (Pending Retrieval) *

- 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 button to see the software packages defined in the software profile.

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 with the 'General' tab selected. The 'Software Profile' dropdown is set to '5.3.0 Baseline SMUs'. Under 'Match Criteria', the radio button for 'Packages that are currently in active state' is selected. A 'Next' button is at the bottom right.

Conformance Report

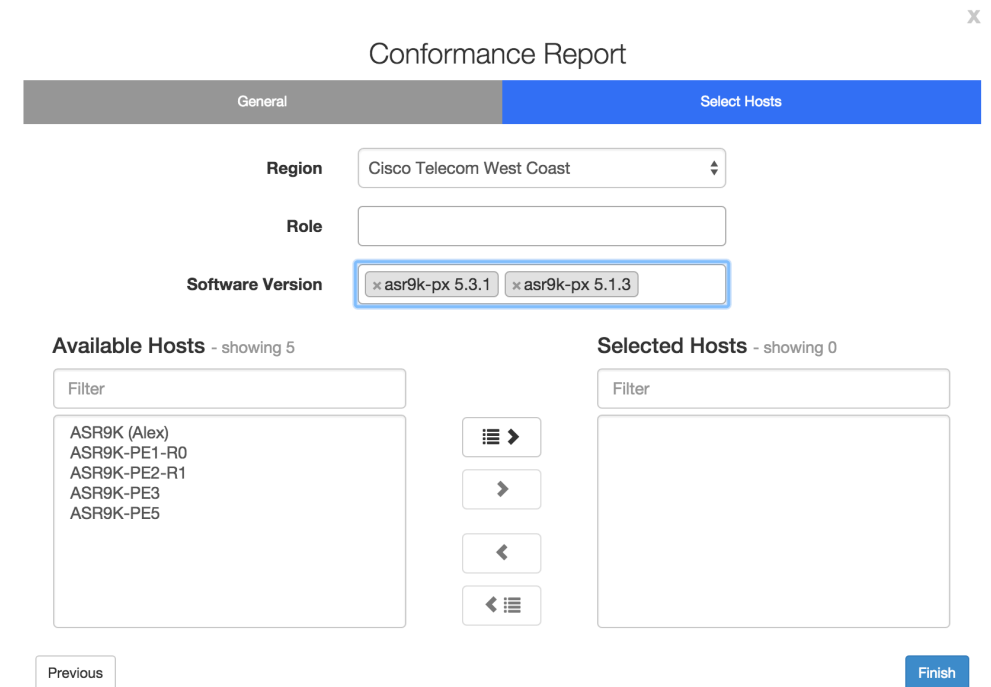
General Select Hosts

Software Profile 5.3.0 Baseline SMUs

Match Criteria

- ☐ Packages that have not been activated
- ☒ Packages that are currently in active state

Next



The screenshot shows the 'Conformance Report' wizard with the 'Select Hosts' tab selected. The 'Region' is 'Cisco Telecom West Coast'. The 'Software Version' dropdown shows two options: 'asr9k-px 5.3.1' and 'asr9k-px 5.1.3'. The 'Available Hosts' list shows 5 hosts: ASR9K (Alex), ASR9K-PE1-R0, ASR9K-PE2-R1, ASR9K-PE3, and ASR9K-PE5. The 'Selected Hosts' list is empty. A 'Previous' button is at the bottom left and a 'Finish' button is at the bottom right.

Conformance Report

General Select Hosts

Region Cisco Telecom West Coast

Role

Software Version asr9k-px 5.3.1 asr9k-px 5.1.3

Available Hosts - showing 5

Filter

ASR9K (Alex)
ASR9K-PE1-R0
ASR9K-PE2-R1
ASR9K-PE3
ASR9K-PE5

Selected Hosts - showing 0

Filter

Previous Finish

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.