

# 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 ▾

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- Click Validate to resolve missing pre-requisites or superseded SMUs/SPs.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

10/28/2015 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.

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

Conformance Report ×

GENERAL SELECT HOSTS

Platform asr9k-px

Software Version 4.3.4

Region ANDHRA PRADESH ASSAM

Role ALL

Retrieve

Available Hosts - showing 0

Filter

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.