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**

2

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- Click Validate to resolve missing pre-requisites or superseded SMUs/SPs.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

Software Profile Used ▾

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: [   ]

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.

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.

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-fpd-px-5.3.0.pie	No (16h 26m 48s ago)
		asr9k-mcast-px-5.3.1.19J	asr9k-mcast-px-5.3.0.pie	
		asr9k-mgbl-px-5.3.1.19J	asr9k-mgbl-px-5.3.0.pie	
		asr9k-mini-px-5.3.1.19J	asr9k-mini-px-5.3.0.pie	
		asr9k-mpls-px-5.3.1.19J	asr9k-mpls-px-5.3.0.pie	
		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		
ommaurya-VKG03-PE1	asr9k-px 5.3.0	asr9k-fpd-px-5.3.0 (matched)		Yes (16h 28m 20s ago)
		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)		
ommaurya-VKG11-P1	asr9k-px 5.3.0	asr9k-mcast-px-5.3.0 (matched)	asr9k-fpd-px-5.3.0.pie	No (16h 27m 42s ago)
		asr9k-mgbl-px-5.3.0 (matched)		
		asr9k-mini-px-5.3.0 (matched)		
		asr9k-mpls-px-5.3.0 (matched)		
ommaurya-VKG19-CE2	asr9k-px 4.2.1	asr9k-9000v-nV-px-4.2.1	asr9k-fpd-px-5.3.0.pie	No (267d 15h 35m ago) *
		asr9k-mcast-px-4.2.1	asr9k-mcast-px-5.3.0.pie	
		asr9k-mgbl-px-4.2.1	asr9k-mgbl-px-5.3.0.pie	
		asr9k-mini-px-4.2.1	asr9k-mini-px-5.3.0.pie	
		asr9k-mpls-px-4.2.1	asr9k-mpls-px-5.3.0.pie	

- 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.