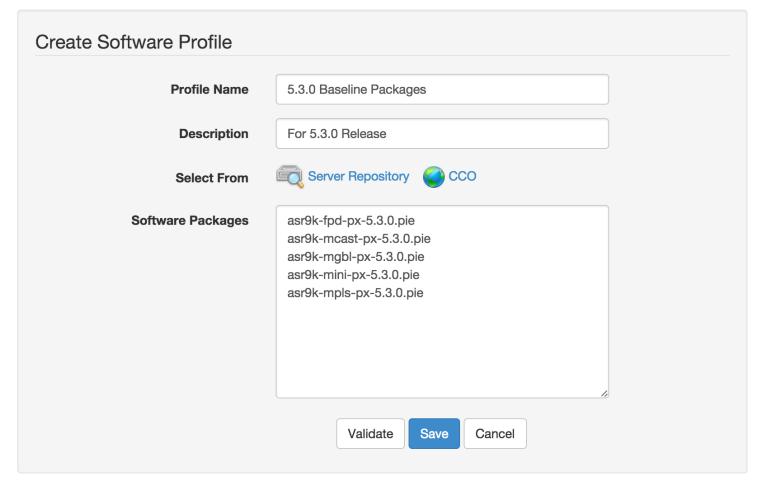
Software Conformance

Software Conformance

- To access the software conformance function, click Conformance in the main menu bar.
- This function allows users to create software profiles and assign software profiles to hosts.
 Software profiles can be used to generate a conformance report, where CSM Server compares packages on a host to packages listed in the software profile.
- The Conformance report contains individual device conformance statuses and indicates which software packages, if any, are missing on those devices.

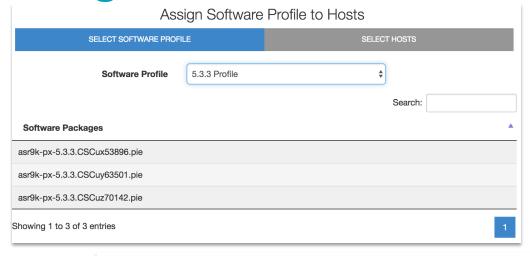


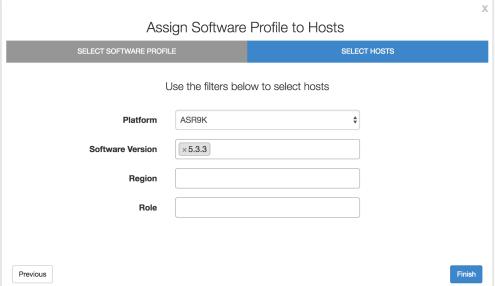
Create Software Profile



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- Click Validate to resolve missing pre-requisites or superseded SMUs/SPs.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

Assign Software Profile to Hosts





 Click the Action button and select Assign Software Profile to Hosts.

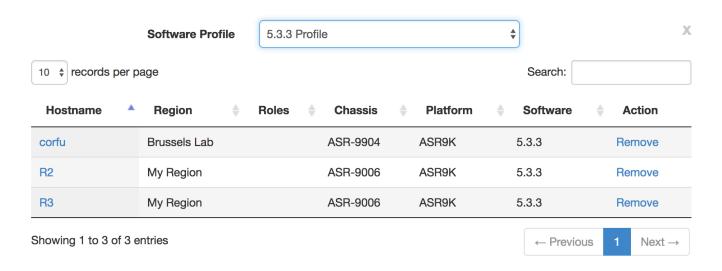
Select Software Profile

 Select a software profile that should be assigned to selected hosts.

Select Hosts

- Select hosts based on the available filters such as Platform, Software Version, Region, and Role.
- Upon clicking Finish, CSM Server will display a confirmation dialog. Click OK to assign the selected software profile to hosts that satisfy the selected criteria.

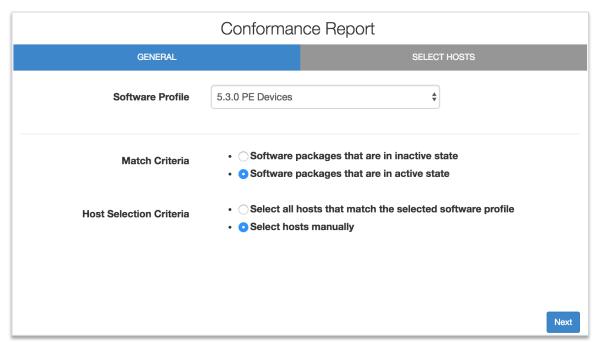
View Software Profile Assignments

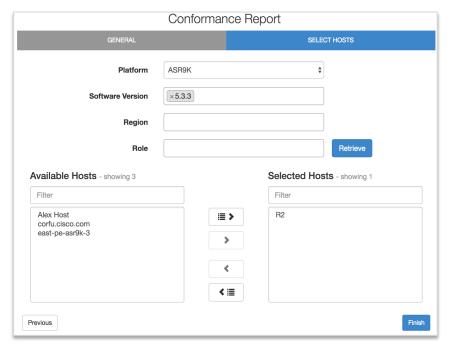


- Click the Action button, select View Software Profile Assignments.
- CSM Server will display all the hosts that are assigned to the selected software profile.
- Click Remove to remove the software profile assignment.

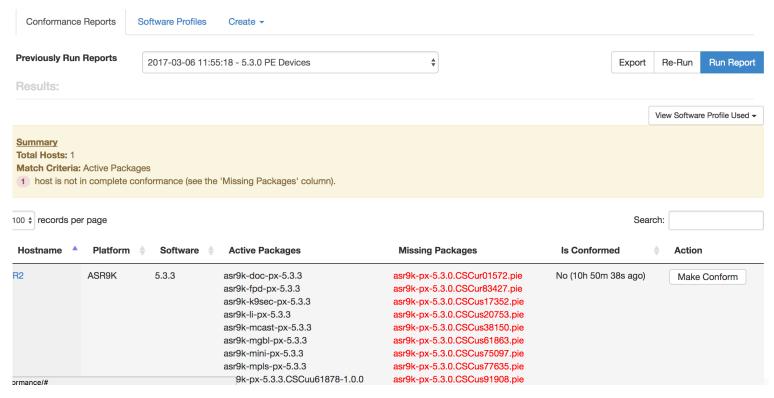
Run/Re-Run Report

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





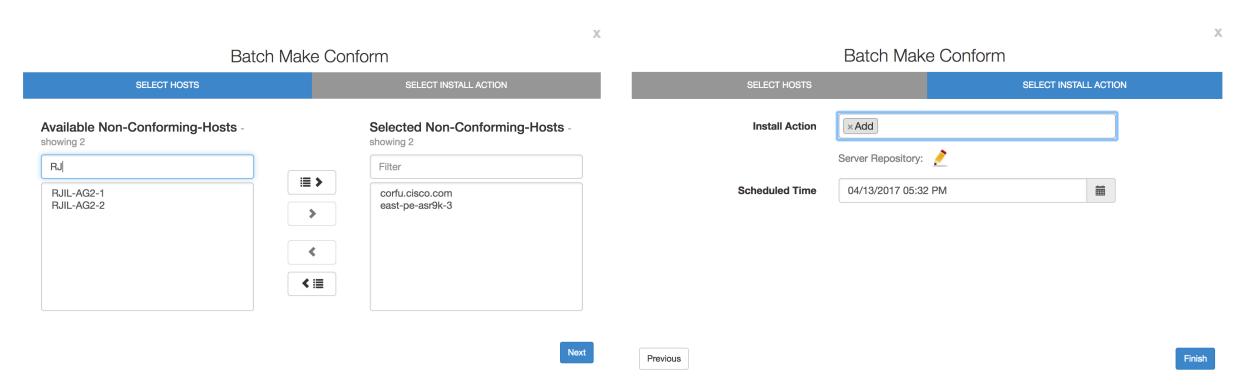
Conformance Report tab



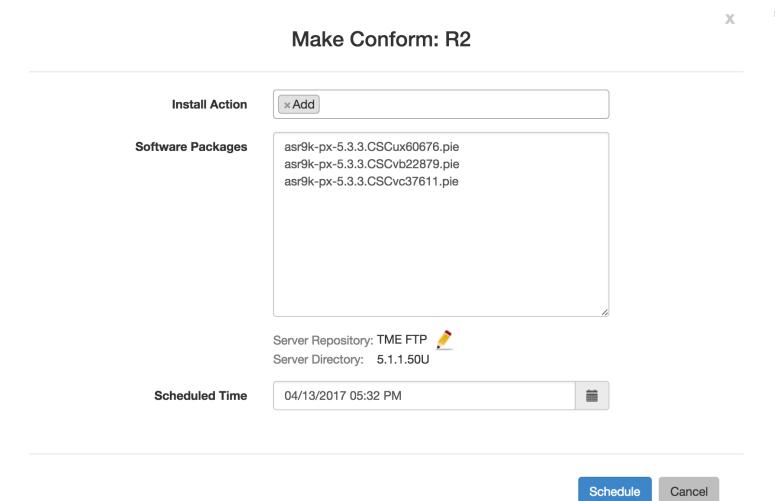
- By default, the Conformance Report tab displays the latest run report.
- Up to 10 conformance reports are stored in the database. The earliest report will be purged to make room for a new report if the maximum is reached.
- Click the View Software Profile
 Used button to see the software
 packages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

Conformance Report – Batch Make Conform

 The Batch Make Conform Dialog can be invoked by clicking the Make Conform button next to the Export button. It can be used to create installation jobs on multiple non-conforming hosts.



Conformance Report – Make Conform



The Make Conform Dialog can be invoked by clicking the Make Conform button on each conformance report row. It provides a means to easily install the missing packages onto a device as indicated on the conformance report.

Export

	Software Conformance Report			
		10/06/2015 04:38 PM		
Summary:				
Total Hosts: 6				
Match Criteria: Active Pag	ckages			
Results:				
	plete conformance (see the 'N	lissing Packages' column)		
	ware inventory retrieval (see "			
Software Profile: 5 3	.0 Baseline Packages			
Software Frome. 5.5	.o Daseille i ackages			
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)
	usi ok px 0.0.1.100	asr9k-mcast-px-5.3.1.19J	asr9k-mcast-px-5.3.0.pie	140 (1011 20111 400 ago)
		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	dorok mplo px o.o.o.pio	
		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)
	usion px o.o.o	asr9k-mcast-px-5.3.0 (matched)		res (Ten Zem Zes age)
		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	(25: 2 :5:: 25:: ugo)
		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 will be 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.