Schedule Installation

Available Install Actions

Pre-Upgrade

- Establishes initial device connection.
- Records running software version.
- Records the running configuration and stores it in a file.
- Checks the state of all nodes on the system.
- Verifies server repository reachability.
- Records inactive, active, committed package list.

Optional Plugins:

- Records OSPF and ISIS neighbors.
- Sets ISIS set-overload-bit if ISIS is running.
- Records total number of BGP neighbors.
- Records total number of MPLS LDP neighbors.
- Records total number of PIM neighbors.
- Records total number of HSRP neighbors and states.
- Records total number of VRRP neighbors and states.

Install Add

Copies software packages to the device.

Activate

Activates packages on the device.

Post-Upgrade

- Checks node status, standby role status, configuration failure, software package states, etc.
- Verifies error/tracebacks/core files.

Commit

Executes Install Commit on the device

Available Install Actions - Continue

- ALL

 CSM Server will create Pre-Upgrade, Install Add, Activate, Post-Upgrade, and Commit installation actions with the successor depending on the predecessor. Until the predecessor has executed successfully, the successor will not run.

Remove

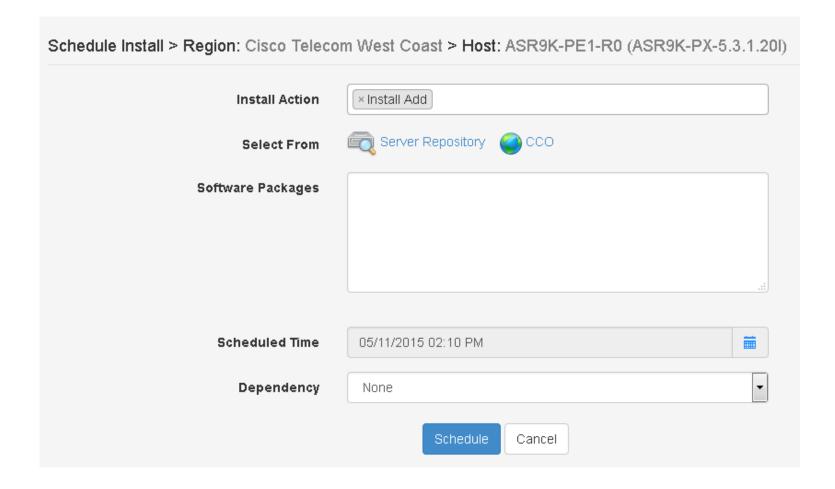
Remove inactive packages on the device.

Deactivate

Deactivate active packages on the device.

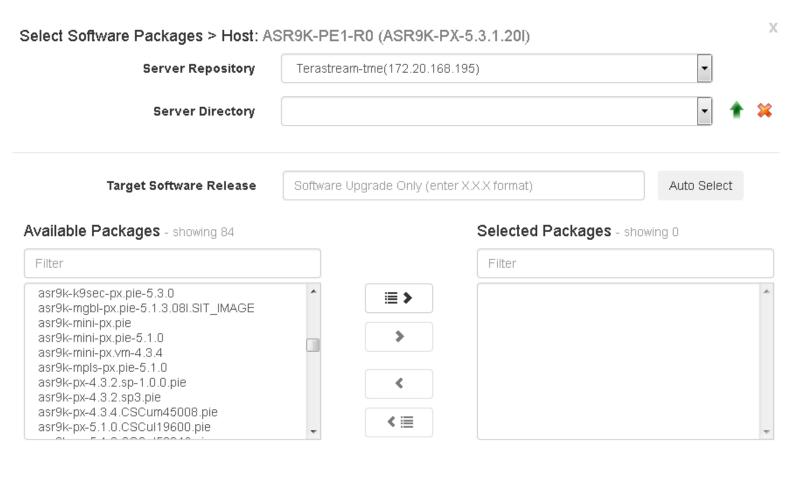
Schedule an Install

- Invoked from the Host Dashboard's Action menu.
- Select an install action. Multiple install actions may be selected at once.
- Depending on the selected install action, software packages can be selected from Server Repository, CCO, Inactive Packages, or Install History.
- If a dependency is selected, the scheduled installation will not proceed until the dependency is completed successfully. The dependency can only be specified when only one install action is selected (not available for batch installs).



Browse Server Repository

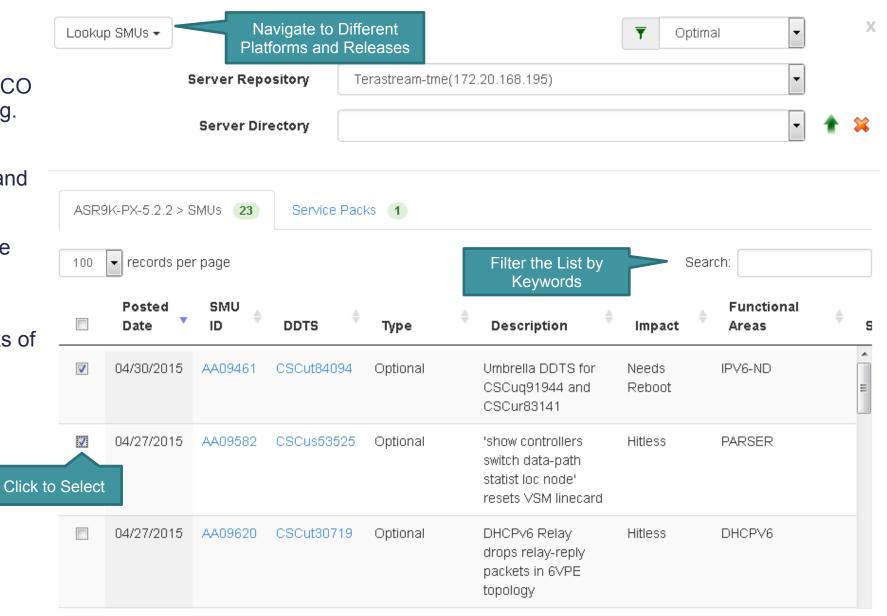
- Invoked by clicking the Server Repository icon on the Schedule Install dialog.
- Select a server repository.
- Use the Server Directory selector to navigate to the desired directory on the server repository. The software packages in the selected directory will be displayed in the dual list box.
- For Software upgrade, enter the target software release and click Auto Select. This will select packages from the Available Packages list box which match the device software packages.



Cancel

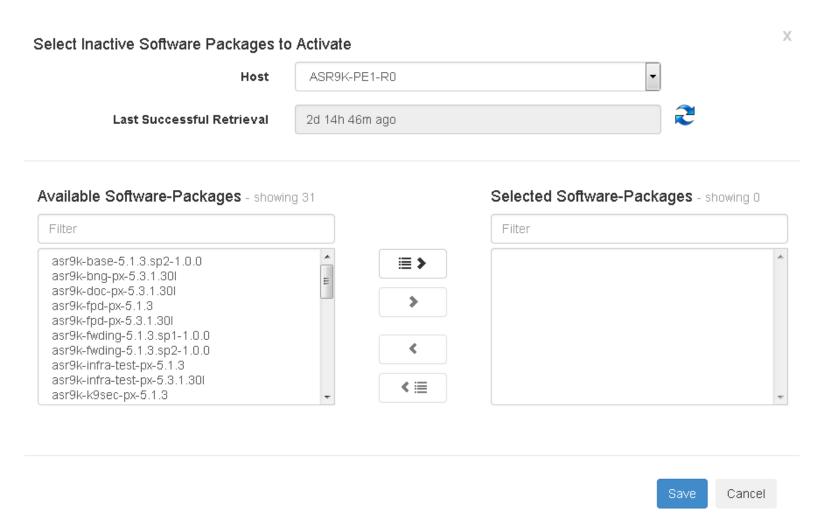
Browse CCO

- Invoked by clicking the Browse CCO icon on the Schedule Install dialog.
- Use the Lookup SMUs button to navigate to the desired platform and release.
- Select the server repository where the downloaded SMUs should be stored.
- Select the SMUs or Service Packs of interest.



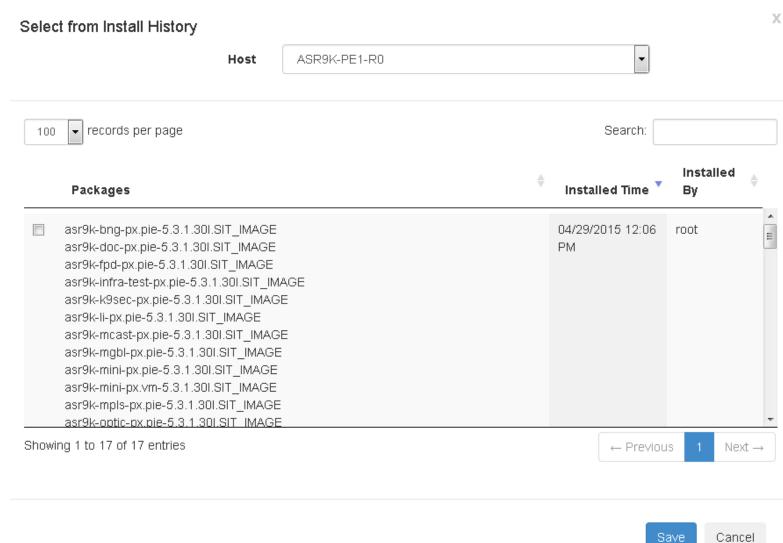
Browse Inactive Packages

- Invoked by clicking the Browse Inactive Pkgs icon on the Schedule Install dialog.
- The Last Successful Retrieval text field displays the elapsed time since the software packages was last successfully retrieved.
- Click the Retrieve Latest Software icon to retrieve latest software.



Browse Install History

- Invoked by clicking the Browse Install History icon on the Schedule Install dialog.
- Select the packages from one of the successful Install Add operations.



Schedule Install – Prerequisite Checks

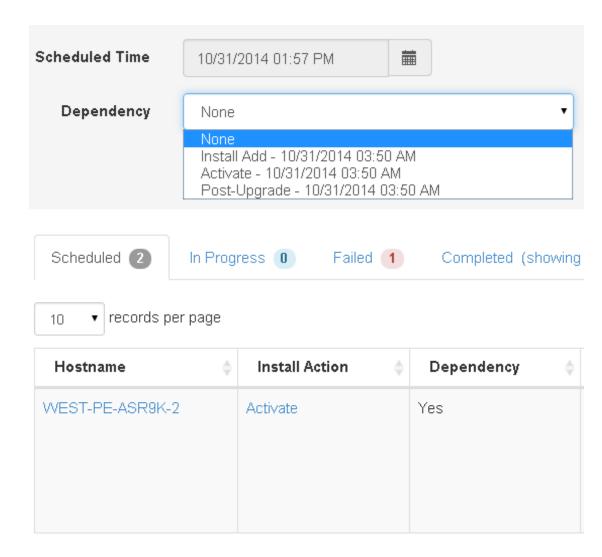
After clicking the Schedule button, CSM Server performs the following functions:

- It checks for missing pre-requisites on selected software packages.
- It determines whether selected software packages are on the server repository. If they are not, CSM Server prompts the user to download them.
- The scheduled install will not proceed at its scheduled time until the software packages are successfully downloaded and copied to the server repository.

Following pre-requisite(s) were not selected, but should be included. asr9k-px-4.2.3.CSCul52017.pie asr9k-px-4.2.3.CSCui33805.pie asr9k-px-4.2.3.CSCum86633.pie Include Pre-requisites Cancel Following files are missing on the server repository. Those that are identified as 'Downloadable' can be downloaded from CCO. If you choose to download them, the scheduled installation will not proceed until the files are successfully downloaded and copied to the server repository. asr9k-px-4.2.3.CSCur72219.pie (Downloadable) asr9k-px-4.2.3.CSCul54537.pie (Downloadable) Cancel

Installation Dependency

- A dependency can be specified when creating a scheduled install. For example, Install Activate should not be performed unless Install Add is successful.
- If an installation failed, any scheduled install that has the failed installation as its dependency will not execute.
- When multiple install actions or 'ALL' is selected, CSM Server will create the dependency automatically.
- Deleting a scheduled install will also delete all of its dependencies.



Install Dashboard

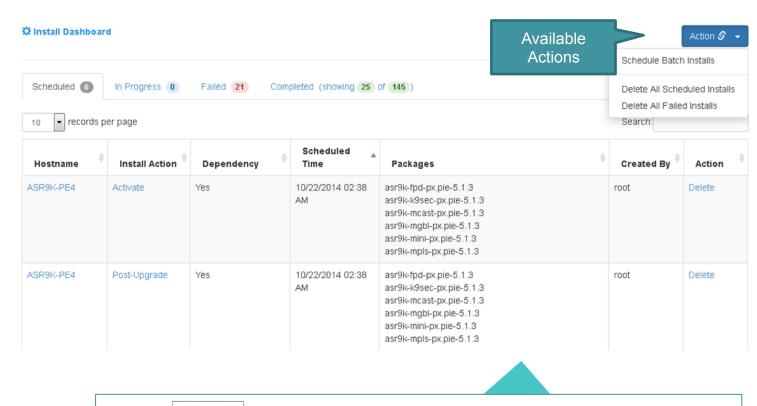
Install Dashboard

Action

- Schedule Batch Installs.
- Delete All Scheduled Installs.
- Delete All Failed Installs.

Install Dashboard Tabs

- Scheduled
 - Lists any pending scheduled tasks.
- In Progress
 - Lists currently executing tasks.
- Failed
 - Lists any task that failed & provides links to appropriate logs.
- Completed
 - Lists of completed tasks plus install logs.



Status

Executing: Install Add Packages

Search:

Status Time

08/25/2014 05:30

PM

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Scheduled 0

Hostname

VALKYRIE3

10 ▼ records per page

In Progress 1

Install Action

Install Add

Failed 1

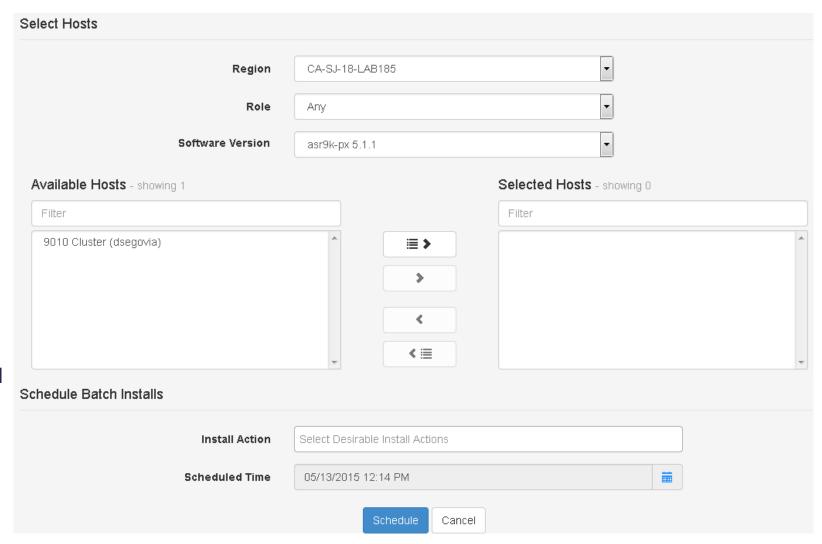
Completed 5

Scheduled Time

08/19/2014 12:00 AM

Schedule Batch Installs

- Select a region of interest.
- Select a role and/or software version to further filter hosts.
- All managed hosts belonging to the selected region and role will be displayed.
- Use the dual list box to select multiple hosts for the same scheduled installation.
- By default, the scheduled time is now. The installation will be executed immediately. Click the calendar icon next to the Scheduled Time to select a different date and time.



Download Dashboard

SMU/SP Download Dashboard

Action

- Delete All Scheduled Downloads.
- Delete All Failed Downloads.

Download Dashboard Tabs

- Scheduled
 - Lists any pending downloads.
- In Progress
 - Lists downloads that are in progress.
- Failed
 - Lists all failed downloads.
- Completed
 - Lists completed downloads.
- CSM Server Repository
 - Lists SMU tar files that have been downloaded. All requested downloads are first saved in this repository before being transferred to the designated server repository.

