



Command Scheduler (KRON) Policy for System Startup

The Command Scheduler (KRON) Policy for System Startup features enables support for Command Scheduler upon system startup.

Command Scheduler allows customers to schedule fully-qualified EXEC mode CLI commands to run once, at specified intervals, at specified calendar dates and times, or upon system startup. Originally designed to work with CNS commands, Command Scheduler has a broader application. Using the CNS image agent feature, remote routers residing outside a firewall or using Network Address Translation (NAT) addresses can use Command Scheduler to launch CLI at intervals to update the image running in the router.

Command Scheduler has two basic processes. A policy list is configured containing lines of fully-qualified EXEC CLI commands to be run at the same time or interval. One or more policy lists are then scheduled to run after a specified interval of time, at a specified calendar date and time, or upon system startup. Each scheduled occurrence can be set to run once only or on a recurring basis.

Configuration Information

Configuration information is included in the “Configuring Cisco Networking Services” module of the *Cisco IOS Network Management Configuration Guide*, Release 12.4T, at the following URL:

http://www.cisco.com/en/US/docs/ios/netmgmt/configuration/guide/nm_cns_services_ps6441_TSD_Products_Configuration_Guide_Chapter.html

The following sections provide information about this feature:

- Command Scheduler
- Configuring Command Scheduler Policy Lists and Occurrences
- Command Scheduler Policy Lists and Occurrences: Examples

For a complete list of features included in the “Configuring Cisco Networking Services” module, see the Feature Information Table located toward the end of the module.

Command Reference Information

Command reference information is included in the *Cisco IOS Network Management Command Reference*, Release 12.4T, at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/software/ios124/124tcr/tnm_r/index.htm



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New or Modified Commands

The following commands are new or modified for this feature:

- **kron occurrence**

List of All Release 12.4T Commands

An alphabetical list of all Cisco IOS Release 12.4T commands is in the *Cisco IOS Master Commands List*, Release 12.4T, at the following URL:

http://www.cisco.com/en/US/docs/ios/mcl/124tmcl/124t_book.html

List of All New, Modified, Removed, and Replaced Release xxx Commands

Alphabetized lists of all new, modified, removed, and replaced commands for each Cisco IOS Release 12.4T release are in the *Cisco IOS New, Modified, Removed, and Replaced Commands*, Release 12.4T, document at the following URL:

http://www.cisco.com/en/US/products/ps6441/products_product_index09186a00805db026.html

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