



CHAPTER 8

Scheduling Jobs

Cisco E-DI provides the option to schedule EXEC mode and network configuration jobs. This is a useful tool for automating monitoring and operational tasks in a controlled fashion. A job can be scheduled for one time, or for repeated implementation.

Cisco E-DI keeps a history of jobs and logs. A scheduled job could be a Cisco E-DI command or a perl script. Typical tasks which could be scheduled would be the periodic synchronization of the Cisco E-DI data cache with the NE, or pushing configuration changes to NEs.

This chapter includes the following information:

- [Scheduling EXEC Mode and Network Configuration Jobs](#)
- [Reviewing Scheduled Jobs](#)

Scheduling EXEC Mode and Network Configuration Jobs

[Table 8-1](#) gives the commands that you can use to schedule jobs.

Table 8-1 **Commands to Schedule Jobs**

Action	Command
To create a job with a specified name.	[SVR:/server] (config)# schedule-job name
To create a job with an optional description.	[SVR:/server] (config)# schedule-job name description Desc
To define the commands to be run. Commands should be separated by semicolons (;)	[SVR:/server] (schedule-job)# execute cmd1; cmd2;
To define the perl script to be run.	[SVR:/server] (schedule-job)# execute perl /users/admin/myperlscript.pl

Table 8-1 **Commands to Schedule Jobs (continued)**

Action	Command
To specify when you want the job to start running. The values are: – Month—Name of the month – Day—Day of the month – Year—Between 2003-2020 – Hour—0-23 – Minutes— 0-59 Note You can modify any of the parameters of a scheduled job such as start time, stop time, and repeat frequency. Enter the command with the updated value.	<pre>[SVR:/server] (schedule-job)# start-at month day year hour minutes</pre>
To specify when you want the job to stop running.	<pre>[SVR:/server] (schedule-job)# stop-at month day year hour minutes</pre>
To specify the repetition frequency with one of the frequency parameters listed above. Note If you do not specify the repeat frequency, the job will be run once.	<pre>[SVR:/server] (schedule-job)# repeat frequency [minutes hours days weeks months years] number</pre>
To delete a scheduled job.	<pre>[SVR:/server] (config)# no schedule-job name</pre>

The following example shows two scheduled jobs:

```
schedule-job Alarms
start-at april 7 2005 17 11
repeat frequency minutes 2
history-size 5
execute network ; clear alarms
!
schedule-job Inventory
start-at april 7 2005 17 10
repeat frequency minutes 2
history-size 5
execute network ; inventory
!
```

Reviewing Scheduled Jobs

Table 8-2 provides options to review scheduled jobs, job implementation history, and detailed logs:

Table 8-2 **Commands to Review Jobs**

Action	Command
To display a list of all jobs.	<pre>[SVR:/server]# show job list</pre>
To display details of the scheduled job.	<pre>[SVR:/server]# show job details name</pre>

Table 8-2 **Commands to Review Jobs**

Action	Command
To display all detailed logs of a job.	[SVR:/server]# show job details name logs
To display the latest job history.	[SVR:/server]# show job details name logs latest

