



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. Typical tasks which could be scheduled would be the periodic synchronization of the Cisco E-DI data cache with the NE, or to push 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](#) details the commands used 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

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

Action	Command
To define the commands to be run. Commands should be separated by semicolons (;)	[SVR:/server] (schedule-job) # execute cmd1; cmd2;
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.	[SVR:/server] (schedule-job) # start-at month day year hour minutes
To specify when you want to the job to stop running.	[SVR:/server] (schedule-job) # stop-at month day year hour minutes
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.	[SVR:/server] (schedule-job) # repeat frequency [minutes hours days weeks months years] number
To delete a scheduled job.	[SVR:/server] (config) # no schedule-job name

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.	[SVR:/server]# show job list
To display details of the scheduled job.	[SVR:/server]# show job details name
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

