

## Scheduling a JUNOS Commit Operation

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You can schedule when you want your candidate configuration to become active. To save JUNOS Software configuration changes and activate the configuration on the router at a future time or upon reboot, use the `commit at` configuration mode command, specifying `reboot` or a future time at the `[edit]` hierarchy level:

```
[edit]
user@host # commit at string
```

*string* is `reboot` or the future time to activate the configuration changes. You can specify time in two formats:

- A time value in the form *hh:mm[:ss]* (hours, minutes, and optionally seconds)—Commit the configuration at the specified time, which must be in the future but before 11:59:59 PM on the day the `commit at` configuration command is issued. Use 24-hour time for the *hh* value; for example, `04:30:00` is 4:30:00 AM, and `20:00` is 8:00 PM. The time is interpreted with respect to the clock and time zone settings on the router.
- A date and time value in the form *yyyy-mm-dd hh:mm[:ss]* (year, month, date, hours, minutes, and, optionally, seconds)—Commit the configuration at the specified day and time, which must be after the `commit at` command is issued. Use 24-hour time for the *hh* value. For example, `2003-08-21 12:30:00` is 12:30 PM on August 21, 2003. The time is interpreted with respect to the clock and time zone settings on the router.

Enclose the *string* value in quotation marks (" "). For example, `commit at "18:00:00"`. For date and time, include both values in the same set of quotation marks. For example, `commit at "2005-03-10 14:00:00"`.

A commit check is performed immediately when you issue the `commit at` configuration mode command. If the result of the check is successful, then the current user is logged out of configuration mode, and the configuration data is left in a read-only state. No other commit can be performed until the scheduled commit is completed.



**NOTE:** If the JUNOS Software fails before the configuration changes become active, all configuration changes are lost.

You cannot enter the `commit at` configuration command after you issue the `request system reboot` command.

You cannot enter the `request system reboot` command once you schedule a commit operation for a specific time in the future.

You cannot commit a configuration when a scheduled commit is pending. For information about how to cancel a scheduled configuration by means of the `clear` command, see the *JUNOS System Basics and Services Command Reference*

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**NOTE:** We do not recommend performing a commit operation on the backup Routing Engine when graceful Routing Engine switchover is enabled on the router.

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- Related Topics**
- Committing a JUNOS Configuration
  - Monitoring the JUNOS Commit Process

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