

Rebooting and Halting Routing Matrix with a TX Matrix Router Components

You can control which component in a routing matrix with a TX Matrix router is rebooted or halted. If you reboot or halt the TX Matrix router, by default you also reboot or halt the master Routing Engines on all T640 routers. To reboot a specific component, issue the `request system reboot` command with the `all-lcc`, `lcc`, or `scc` option.

```
user@router> request system reboot ?
Possible completions:
  <[Enter]>      Execute this command
  all-lcc       Reboot all LCC chassis
  at            Time at which to perform the operation
  in            Number of minutes to delay before operation
  lcc           Reboot LCC (0..3)
  media         Boot media for next boot
  message       Message to display to all users
  scc           Reboot SCC chassis
  |            Pipe through a command
user@router> request system reboot
Reboot the system ? [yes,no] (no) yes
Rebooting lcc0-re0
Rebooting lcc1-re0
```

Similarly, to halt a specific component in a routing matrix, issue the `request system halt` command with the `all-lcc`, `lcc`, or `scc` option.



CAUTION: Before entering this command, you must have access to the TX Matrix router console port and the console ports of all of the LCCs in order to bring up the TX Matrix Routing Engines.

```
user@router> request system halt ?
Possible completions:
  <[Enter]>      Execute this command
  all-lcc       Halt all LCC chassis
  at            Time at which to perform the operation
  both-routing-engines Halt both Routing Engines
  in            Number of minutes to delay before operation
  lcc           Halt LCC (0..3)
  media         Boot media for next boot
  message       Message to display to all users
  scc           Halt SCC
  |            Pipe through a command
```

Issuing the `request system halt both-routing-engines` command on a TX Matrix router halts both Routing Engines in the TX Matrix router and both Routing Engines in all T640 routers in the routing matrix. To reboot a Routing Engine that has been halted, you must connect through the console. For more information about system commands, see the *JUNOS System Basics and Services Command Reference*.

- Related Topics**
- [Routing Matrix with a TX Matrix Router Solutions Page](#)
 - [Overview of the Routing Matrix with a TX Matrix Router](#)
 - [Roadmap to Configuring a Routing Matrix with a TX Matrix Router](#)
 - [Example: Routing Matrix with a TX Matrix Router Configuration](#)

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