



FIPS commands

This module describes the commands used in enabling the FIPS mode.

For detailed information about FIPS configuration tasks, and examples, see the *Configuring FIPS Mode* chapter in *System Security Configuration Guide for Cisco ASR 9000 Series Routers*.

- [crypto fips-mode, on page 2](#)

crypto fips-mode

To configure FIPS, use the **crypto fips-mode** command in the global configuration mode. To remove FIPS configuration, use the **no** form of this command.

crypto fips-mode
no crypto fips-mode

Syntax Description This command has no keywords or arguments.

Command Default None

Command Modes Global configuration

Command History	Release	Modification
	Release 4.3.1	This command was introduced.

Usage Guidelines Install and activate the **asr9k-k9sec-px.pie** file before using this command.

To use this command, you must be in a user group associated with a task group that includes appropriate task IDs. If the user group assignment is preventing you from using a command, contact your AAA administrator for assistance.



Note For the configuration to take effect, reload the router by using the reload command in the admin mode.

Use the **show logging** command to display the contents of logging buffers. You can use the **show logging | i fips** command to filter FIPS specific logging messages.

Task ID	Task ID	Operation
	crypto	read, write

Example

This example shows how to configure FIPS:

```
RP/0/RSP0/CPU0:router# configure
RP/0/RSP0/CPU0:router(config)# crypto fips-mode
```