



## FIPS commands

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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*.

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# 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
```