



Secure Boot of Development Image

This module describes the commands used to boot the development image securely.

For detailed information about booting of the development image securely, see the Secure Boot of Development chapter in the *System Security Configuration Guide for Cisco NCS 5500 Series Routers*.

- [platform security development-image disable](#) , on page 2
- [request consent-token accept-response development-image enable](#) , on page 3
- [request consent-token generate-challenge development-image enable auth-timeout](#) , on page 5
- [show platform security boot status](#), on page 6

platform security development-image disable

To disable the secure booting of the development image on a platform, use the **platform security development-image disable** command in EXEC mode.

platform security development-image disable

Command Default

None

Command Modes

EXEC mode

Command History

Release	Modification
Release 24.1.1	This command was introduced.

Usage Guidelines

No specific guidelines impact the use of this command.

Task ID

Task ID	Operations
system	read, write

Examples

The following examples shows how to use the **platform security development-image disable** command:

```
Router# platform security development-image disable
Fri Jul 7 10:27:24.029 UTC
Disabling secureboot of development image status: Success
```



```
Successfully Accepted challenge-response for Enable secureboot for development image in  
node0_RP0_CPU0
```

request consent-token generate-challenge development-image enable auth-timeout

To obtain the consent token response string from TAC for the challenge string that is generated on the router, use the **request consent-token generate-challenge development-image enable auth-timeout** command in EXEC mode.

request consent-token generate-challenge development-image enable auth-timeout *timeout*

Syntax Description

timeout Specifies the desired duration for the consent token response waiting time for a consent token request. The permissible range for this wait time value is 1—10080 seconds. We recommend using a higher timeout value.

Command Default

None

Command Modes

EXEC mode

Command History

Release	Modification
Release 24.1.1	This command was introduced.

Usage Guidelines

No specific guidelines impact the use of this command.

Task ID

Task ID	Operations
system	read, write

Examples

The following examples shows how to use the **request consent-token generate-challenge development-image enable auth-timeout** command:

```
Router# request consent-token generate-challenge development-image enable auth-timeout 200
Fri Jul 7 10:21:22.131 UTC

+-----+
Node location: node0_RP0_CPU0
+-----+

Challenge string:

J0JdAwAAAQYBAAQAAAQCAgAEAAAAAQMCAAAAAAAAAAABAAQIUVqkfm+qMq8YPcGQ2uj5AUABAAAAAAGAAxJT1MtWFTtU1ctQ1QHAxJT1MtW
FtU1ctQ1QIAAtQ1MtNTUwMS1TRQkAC0ZPQzIxMjBSMjVBCwBAID5SWa8FzpGDFapWZPKHa8ZGFsi6fGStdPh6OLNNT/WfJFHJRYVWPgKe2vP
fniTjwjDLGV2K4UXNi9IhTQFULQwACE5DUy01NXh4DQACAAM=
```

show platform security boot status

To view the platform security boot status, use the **show platform security boot status** command in EXEC mode.

show platform security boot status

Command Default

None

Command Modes

EXEC mode

Command History

Release	Modification
Release 24.1.1	This command was introduced.

Usage Guidelines

No specific guidelines impact the use of this command.

Task ID

Task ID	Operations
system	read, write

Examples

The following examples shows how to use the **show platform security boot status** command:

```
Router# show platform security boot status
Fri Jul 7 10:25:09.344 UTC
Secure Boot: Enabled by default
Image type: Production /*When the image type is Production*/
Image type: Production and Developmet /*When the image type is Production and Development*/
```