



## Lawful Intercept Commands

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**Note**

- Starting with Cisco IOS XR Release 6.6.25, all commands applicable for the Cisco NCS 5500 Series Router are also supported on the Cisco NCS 560 Series Routers.
- Starting with Cisco IOS XR Release 6.3.2, all commands applicable for the Cisco NCS 5500 Series Router are also supported on the Cisco NCS 540 Series Router.
- References to releases before Cisco IOS XR Release 6.3.2 apply to only the Cisco NCS 5500 Series Router.
- Cisco IOS XR Software Release 7.0.1 specific updates are not applicable for the following variants of Cisco NCS 540 Series Routers:
  - N540-28Z4C-SYS-A
  - N540-28Z4C-SYS-D
  - N540X-16Z4G8Q2C-A
  - N540X-16Z4G8Q2C-D
  - N540X-16Z8Q2C-D
  - N540-12Z20G-SYS-A
  - N540-12Z20G-SYS-D
  - N540X-12Z16G-SYS-A
  - N540X-12Z16G-SYS-D

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This module describes the commands used to configure Lawful intercept.



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**Note**

All commands applicable for the Cisco NCS 5500 Series Router are also supported on the Cisco NCS 540 Series Router that is introduced from Cisco IOS XR Release 6.3.2. References to earlier releases in Command History tables apply to only the Cisco NCS 5500 Series Router.

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- [lawful-intercept disable](#), on page 3

- [request consent-token, on page 4](#)

# lawful-intercept disable

To disable the Lawful Intercept (LI) feature, use the **lawful-intercept disable** command. To re-enable the LI feature, use the **no** form of this command.

**lawful-intercept disable**  
**no lawful-intercept disable**

|                           |  |                             |
|---------------------------|--|-----------------------------|
| <b>Syntax Description</b> | This command has no keywords or arguments.   |                             |
| <b>Command Default</b>    | LI feature is enabled by default only if the LI package is installed.  |                             |
| <b>Command Modes</b>      | Global configuration   |                             |
| <b>Command History</b>    | <b>Release</b>   | <b>Modification</b>         |
|                           | Release 5.2.1  | This command is introduced. |
| <b>Usage Guidelines</b>   | If you disable lawful intercept, all Mediation Devices and associated TAPs are deleted.<br>To enable this command, you must install and activate the <b>ncs5500-li.rpm</b> . |                             |
| <b>Task ID</b>            | <b>Task ID</b>   | <b>Operations</b>           |
|                           | li   | read,<br>write              |

This example shows how to configure the **lawful-intercept disable** command:

```
Router(config)# lawful-intercept disable
```

# request consent-token

To request for a consent-token to activate or deactivate features on the router, use the **request consent-token** command in the XR EXEC mode

```
request consent-token { accept-response | generate-challenge | terminate-auth } { lawful-intercept | secure-ztp } { enable | disable }
```

## Syntax Description

|                           |  |
|---------------------------|--|
| <b>accept-response</b>    | Request to accept the response string from the network vendor  |
| <b>generate-challenge</b> | Request to generate a challenge string which can be sent to the network vendor to request for consent. |
| <b>terminate-auth</b>     | Request to terminate the authorization to renewable the feature.                                       |
| <b>lawful-intercept</b>   | Specifies the Lawful Intercept feature.  |
| <b>secure-ztp</b>         | Specifies the Secure ZTP feature.  |
| <b>enable</b>             | Request to enable the feature.   |
| <b>disable</b>            | Request to disable the feature.  |

## Command Default

None

## Command Modes

Global configuration

## Command History

| Release       | Modification  |
|---------------|---|
| Release 7.5.1 | Command options for lawful-intercept enable and disable was introduced. |
| Release 7.3.1 | This command was introduced.  |

## Usage Guidelines

If you disable lawful intercept, all Mediation Devices and associated TAPs are deleted.

To use consent-token, you must install and activate the LI-control package **ncs5500-lictrl-1.0.0.0-rxyz.x86\_64.rpm**.

## Task ID

| Task ID | Operations     |
|---------|----------------|
| li      | read,<br>write |

The following example shows how to generate a challenge to enable lawful-intercept with the **request consent-token** command:

```
Router# request consent-token generate-challenge lawful-intercept enable
+-----+
Node location: node0_RP0_CPU0
+-----+
Challenge string:
pAoP8QAAAQYBAAQAAAAFAGAEAAAABQMACAAAAAAAAAAAAABAAQFAf7N2FWTaq3Du+bixEyUQUAB
AAA//8GAAxJT1MtWFiTtU1ctQ1QHAAxJT1MtWFiTtU1ctQ1QIAAdOQzU1LVJQCQLRk9DMjMxNTRNWVk=
```

The following example shows how to accept the response string provided by the network vendor's Signing Servers for enabling lawful-intercept. Execute the below command and when prompted, enter the response string from the network vendor in the router console.

```
Router# request consent-token accept-response lawful-intercept enable
*****
Please enter challenge response string for node location node0_RP0_CPU0
*****
JkVs2AAAAQYBAAQAAAAFAGAEAAAABQMBYm9vZnY3ZUIraXpiY01ESWw1eGZ4TU1JbnZ4MUVQU2VNV
jJsL2luZFlLMXRpeUg5cGNhd1B5VEZHw53YUvrZmoNcnZHdWpBaU1tNwtUb2VNm2ZYUURyW5LQVdnR
VZvMXpveitkM1VvNm1xaXBMTlpwZ3YxSWpMdUzyY3VDb3R0bSsNC1ByRU2WEZBd3ArUFJrT042cW4vc
3BPWm9JNjFDY2RZSW1Lc1VJOUprbHNmdeXOZE9Fzk1DaW80OEQrdUZTa1cNclhLbWhkNEk0bE5IaFp1SD
laUVdLVm1YTWIwdDhNemhmR0dRTzFzRV1HaWNtZVhJWnoxaEZ4N1BVb1NVdFFIbjANCktaK0hFZ0YxaUU
3YzVPdTV0bEJ4MmVHWjVxcWJ6YnBjVmFVTWxQZCt1RTEvWH1zYVAzL01kZTZYTDZGSVh1N2ENC1c1Zzg0Z
E1kbWNSRctZSUZ3Vk5yeWc9PQ==
+-----+
Node location: node0_RP0_CPU0
+-----+
Error code: 0
```

An output of **Error code: 0** means the router has enabled LI functionality without any errors.

