



# S1AP Cause Code Configuration Mode Commands

The cause code group object allows an operator to group together a set of cause codes. This group can then be used as a named object in other commands.

## Command Modes

Exec > Global Configuration > LTE Policy Configuration > S1AP Cause Code Configuration

**configure** > **lte-policy** > **cause-code-group** *group\_name*

Entering the above command sequence results in the following prompt:

```
[local] host_name (slap-cause-code)
```



## Important

The commands or keywords/variables that are available are dependent on platform type, product version, and installed license(s).

- [class](#), on page 2
- [do show](#), on page 4
- [end](#), on page 5
- [exit](#), on page 6

# class

Configures a set of cause codes within a cause code group.

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**Product**

MME

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**Privilege**

Administrator

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**Command Modes**

Exec > Global Configuration > LTE Policy Configuration > S1AP Cause Code Configuration

**configure** > **lte-policy** > **cause-code-group** *group\_name*

Entering the above command sequence results in the following prompt:

```
[local] host_name (slap-cause-code)
```

---

**Syntax Description**

```
[no] class { miscellaneous | nas | protocol | radio | transport } cause
cause_no
```

**no**

Removes the specified cause code class.

**miscellaneous**

Specifies the class of miscellaneous cause codes.

**nas**

Specifies the class of NAS cause codes.

**protocol**

Specifies the class of protocol cause codes.

**radio**

Specifies the class of radio cause codes.

**transport**

Specifies the class of transport cause codes.

**cause** *cause\_no*

Specifies the cause codes to add to this class. Cause codes must be defined one at a time.

*cause\_no* is a numeric cause code value, as defined in 3GPP TS 36.413.

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**Usage Guidelines**

Use this command to configure the specific cause codes within this S1AP Cause Code Group.

A maximum of 16 cause codes can be added to a cause-code-group entry.

Refer to the **policy service-request** command and **policy tau** command in the MME Service Configuration Commands Chapter to configure the behavior of the MME when the initial context setup fails during a service request procedure or while processing a TAU request.

The specific action taken by the MME can be mapped to the cause codes defined in this command.

### Example

The following commands add causes **failure-in-radio-interface-procedure** and **interaction-with-other-procedure** to the cause code group.

```
class radio cause 26
class radio cause 29
```

# do show

Executes all **show** commands while in Configuration mode.

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**Product**

All

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**Privilege**

Security Administrator, Administrator

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**Syntax Description**

**do show**

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**Usage Guidelines**

Use this command to run all Exec mode **show** commands while in Configuration mode. It is not necessary to exit the Config mode to run a **show** command.

The pipe character | is only available if the command is valid in the Exec mode.


**Caution**

There are some Exec mode **show** commands which are too resource intensive to run from Config mode. These include: **do show support collection**, **do show support details**, **do show support record** and **do show support summary**. If there is a restriction on a specific **show** command, the following error message is displayed:

```
Failure: Cannot execute 'do show support' command from Config mode.
```

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# end

Exits the current configuration mode and returns to the Exec mode.

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**Product**

All

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**Privilege**

Security Administrator, Administrator

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**Syntax Description**

**end**

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**Usage Guidelines**

Use this command to return to the Exec mode.

# exit

Exits the current mode and returns to the parent configuration mode.

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**Product**

All

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**Privilege**

Security Administrator, Administrator

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**Syntax Description**

**exit**

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**Usage Guidelines**

Use this command to return to the parent configuration mode.