



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).

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- [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.

Product

MME

Privilege

Administrator

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.

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.

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

do show

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.
```

end

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

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

end

Usage Guidelines

Use this command to return to the Exec mode.

exit

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

Product

All

Privilege

Security Administrator, Administrator

Syntax Description

exit

Usage Guidelines

Use this command to return to the parent configuration mode.