



LTE Paging Profile Configuration Mode Commands

The LTE Paging Map Configuration Mode is used to create and manage the paging profiles that control the different stages of paging for MME configurations on the system.

Command Modes

Exec > Global Configuration > LTE Policy Configuration > LTE Paging Profile Configuration

configure > lte-policy > paging-profile *profile_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(paging-profile) #
```



Important

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

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 end

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.

paging-stage

Enables the operator to configure different stages of paging in the order of desired execution with parameters that control the pace, volume, and behavior of a given paging stage.

Product

MME

Privilege

Administrator

Command Modes

Exec > Global Configuration > LTE Policy Configuration > LTE Paging Profile Configuration

configure > **lte-policy** > **paging-profile** *profile_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name (paging-profile) #
```

Syntax Description

[no] paging-stage *level* **match-criteria** { **ue-contact-time** *seconds* | **all** } **action** { **last-n-enb-last-tai** **max-n-enb** *value* | **all-enb-last-tai** | **all-enb-all-tai** } **t3413-timeout** *seconds* **max-paging-attempts** *attempts*

no

Remove the paging-stage from the system.

level

Defines different levels of paging-stages, each with a different match-criteria and different action. *level* must be a value 1 through 5.

match-criteria

Specifies the criteria for selecting a given paging stage.

- **ue-contact-time** *seconds* - Number of seconds elapsed since the MME last heard from UE. This time, if set, acts as an upper time limit to consider a given paging-stage for paging purposes. *seconds* must be a value from 0 through 86400.
- **all** - No criteria. Operator can use this match-criteria for the final paging stage.

action

Defines how the paging request should be formulated.

- **last-n-enb-last-tai max-n-enb value** - Send paging request to the last known number of eNodeBs (configured using **max-n-enb value**) and to the last known TAI. *value* must be a value from 1 through 5.
- **all-enb-last-tai** - Send paging request to all eNodeBs and to last known TAI.
- **all-enb-all-tai** - Send paging request to all eNodeBs and to all TAIs.

t3413-timeout seconds

Defines the time-interval in seconds between paging requests. The MME uses this timer for retransmission of an S1 Paging request to UE for PS paging. *timeout* must be a value from 0 through 20.

CS triggered S1 Paging requests are transmitted only once by the MME (no retransmission). For a CS paging to be sent again, another SGs paging request needs to be sent by MSC/VLR towards MME.

max-paging-attempts attempts

Defines the number of paging requests to be sent out during this paging-stage.


attempts must be a value from 0 through 5.

Usage Guidelines

Use this command to configure paging procedure stages, which in turn control the pace, volume, and behavior of paging for each stage.

Related Commands

Refer to the **paging-map** command in the *LTE Policy Configuration Commands* chapter to assign a priority for this paging profile based on traffic type.

 paging-stage