



Access Policy Configuration Mode Commands

The Access Policy Configuration Mode is used to create and configure the access-policy.

Command Modes

Exec > Global Configuration > Access Policy Configuration

configure > **access-policy** *policy_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(access-policy-policy_name) #
```



Important

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

- [do show, on page 1](#)
- [end, on page 2](#)
- [exit, on page 2](#)
- [precedence, on page 2](#)

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.

precedence

This command allows you to associate the access-profile, device type, and RAT type to the precedence in access-policy.

Product

MME

Privilege

Security Administrator, Administrator

Command Modes

Exec > Global Configuration > Access Policy Configuration

configure > **access-policy** *policy_name*

Entering the above command sequence results in the following prompt:

```
[local]host_name(access-policy-policy_name)#
```

Syntax Description

```
precedence precedence_value access-profile profile_name { device-type { low-power
| mode-b } | rat-type { eutran | nbiot } }
no precedence precedence_value
```

no

Removes the configured precedence value.

precedence *precedence_value*

Configures the order of access-profile precedence. *precedence_value* must be an integer from 1 to 16, where 1 has the highest precedence.

access-profile *profile_name*

Configures the access-profile to associate with the access-policy. *profile_name* must be an alphanumeric string of 1 through 64 characters.

device-type { **low-power** | **mode-b** }

Configures the IoT device type — Low power or CE Mode-B.

rat-type { **eutran** | **nbiot** }

Configures the RAT type — Evolved UTRAN or NB-IOT.

Usage Guidelines

Use this command to associate the access-profile, device type, and RAT type to the precedence configured in access-policy.

One access-policy can have upto 16 entries of precedence along with access-profile, device type, and RAT type. If the precedence is lower, then the priority is higher.

Example

The following command configures the precedence value 2 with access-profile named *apr1* for *low-power* device type and *nbiot* RAT type:

```
precedence 2 access-profile apr1 device-type low-power rat-type nbiot
```

precedence