



# 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).

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- [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 &gt; Global Configuration &gt; 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