

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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- 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 precdence 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
```