



EAP Authentication Configuration Mode Commands

Command Modes

The EAP Authentication Configuration Mode is used to configure the Extensible Authentication Protocol (EAP) authentication methods for the crypto template.

Exec > Global Configuration > Context Configuration > Crypto Template Configuration > EAP Authentication Configuration

configure > **context** *context_name* > **crypto template** *template_name* **ikev2-dynamic** > **authentication eap-profile** *profile_name*

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(cfg-crypto-tmpl-ikev2-tunnel) #
```



Important

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

- [eap-aka, on page 1](#)
- [eap-gtc, on page 2](#)
- [eap-md5, on page 3](#)
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eap-aka

Configures shared key values for the Extensible Authentication Protocol-Authentication and Key Agreement (EAP-AKA) authentication method used by subscribers using this crypto template.

Product

PDIF

Privilege

Security Administrator, Administrator

Command Modes

Exec > Global Configuration > Context Configuration > Crypto Template Configuration > EAP Authentication Configuration

```
configure > context context_name > crypto template template_name ikev2-dynamic > authentication
eap-profile profile_name
```

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(cfg-crypto-tmpl-ikev2-tunnel)#
```

Syntax Description **eap-aka { encrypted key *hex* | key *hex* }**

encrypted key *hex*

Specifies that the shared key is to be encrypted as a 16-character alphanumeric string or a hexadecimal number beginning with "0x".

key *hex*

Specifies that the shared key is to be transmitted in clear text as a 16-character alphanumeric string or a hexadecimal number beginning with "0x".

Usage Guidelines Use this command to set shared key parameters for subscribers using the EAP-AKA authentication method.

Example

The following command configures a clear-text shared key value for the EAP-AKA method:

```
eap-aka key aa11223344556677
```

eap-gtc

Configures shared key values for the EAP-GTC authentication method used by subscribers using this crypto template.

Product ASN-GW

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Privilege Security Administrator, Administrator

Command Modes Exec > Global Configuration > Context Configuration > Crypto Template Configuration > EAP Authentication Configuration

```
configure > context context_name > crypto template template_name ikev2-dynamic > authentication
eap-profile profile_name
```

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(cfg-crypto-tmpl-ikev2-tunnel)#
```

Syntax Description **eap-gtc { encrypted key *value* | key *value* }**

encrypted key *value*

Specifies that the shared key is to be encrypted as a 16-character alphanumeric string.

key value

Specifies that the shared key is to be transmitted in clear text as a 16-character alphanumeric string.

Usage Guidelines

Use this command to set shared key parameters for subscribers using the EAP-GTC authentication method.

Example

The following command configures a clear-text shared key value for the EAP-GTC method:

```
eap-gtc key aa11223344556677
```

eap-md5

Configures shared key values for the EAP-MD5 authentication method used by subscribers using this crypto template.

Product

ASN-GW
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Privilege

Security Administrator, Administrator

Command Modes

Exec > Global Configuration > Context Configuration > Crypto Template Configuration > EAP Authentication Configuration

```
configure > context context_name > crypto template template_name ikev2-dynamic > authentication eap-profile profile_name
```

Entering the above command sequence results in the following prompt:

```
[context_name]host_name(cfg-crypto-tmpl-ikev2-tunnel) #
```

Syntax Description

```
eap-md5 { encrypted key value | key value }
```

encrypted key value

Specifies that the shared key is to be encrypted as a 16-character alphanumeric string.

key value

Specifies that the shared key is to be transmitted in clear text as a 16-character alphanumeric string.

Usage Guidelines

Use this command to set shared key parameters for subscribers using the EAP-MD5 authentication method.

Example

The following command configures a clear-text shared key value for the EAP-MD5 method:

```
eap-md5 key aa11223344556677
```

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.