



# 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](#)
- [end, on page 4](#)
- [exit, on page 4](#)

## 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) #
```

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**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".

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**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.

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**Product**    ASN-GW

PDIF

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**Privilege**    Security Administrator, Administrator

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**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) #
```

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**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  
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-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.

|                           |  |
|---------------------------|--|
| <b>Product</b>            | All  |
| <b>Privilege</b>          | Security Administrator, Administrator        |
| <b>Syntax Description</b> | <b>end</b>                                   |
| <b>Usage Guidelines</b>   | Use this command to return to the Exec mode. |

## exit

Exits the current mode and returns to the parent configuration mode.

|                           |  |
|---------------------------|--|
| <b>Product</b>            | All  |
| <b>Privilege</b>          | Security Administrator, Administrator                        |
| <b>Syntax Description</b> | <b>exit</b>  |
| <b>Usage Guidelines</b>   | Use this command to return to the parent configuration mode. |