



## K Commands

---

- [key-chain macsec-psk no-show](#), on page 2
- [key-chain tunnelencrypt-psk no-show](#), on page 3
- [key-octet-string 6 cryptographic-algorithm AES\\_128\\_CMAC](#), on page 4
- [key-octet-string 6 cryptographic-algorithm AES\\_256\\_CMAC](#), on page 5
- [key-octet-string 7 cryptographic-algorithm AES\\_128\\_CMAC](#), on page 6
- [key-octet-string 7 cryptographic-algorithm AES\\_128\\_CMAC](#), on page 7
- [key-octet-string 7 cryptographic-algorithm AES\\_256\\_CMAC](#), on page 8
- [key-octet-string 7 cryptographic-algorithm AES\\_256\\_CMAC](#), on page 9
- [key-octet-string cryptographic-algorithm AES\\_128\\_CMAC](#), on page 10
- [key-octet-string cryptographic-algorithm AES\\_128\\_CMAC](#), on page 11
- [key-octet-string cryptographic-algorithm AES\\_256\\_CMAC](#), on page 12
- [key-octet-string cryptographic-algorithm AES\\_256\\_CMAC](#), on page 13
- [key-server-priority](#), on page 14
- [key-string](#), on page 15
- [key-string 7](#), on page 16
- [key](#), on page 17
- [key](#), on page 18
- [key](#), on page 19
- [key chain](#), on page 20
- [key chain macsec](#), on page 21
- [key chain tunnel-encryption](#), on page 22
- [keychain](#), on page 23
- [kill background](#), on page 24
- [kubernetes server ip-address port](#), on page 25

# key-chain macsec-psk no-show

[no] key-chain macsec-psk no-show

## Syntax Description

no	(Optional) Negate a command or set its defaults
key-chain	Keychain Management
macsec-psk	Macsec Pre-shared key
no-show	do not show

## Command Mode

- /exec/configure

# key-chain tunnelencrypt-psk no-show

[no] key-chain tunnelencrypt-psk no-show

## Syntax Description

no	(Optional) Negate a command or set its defaults
key-chain	Keychain Management
tunnelencrypt-psk	Tunnel-encryption Pre-shared key
no-show	do not show

## Command Mode

- /exec/configure

# key-octet-string 6 cryptographic-algorithm AES\_128\_CMAC

```
{ key-octet-string 6 <keystring> cryptographic-algorithm AES_128_CMAC }
```

## Syntax Description

key-octet-string	Set key octet string
6	Encryption Type - Proprietary (type-6 encrypted)
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_128_CMAC	cryptographic-algorithm AES-128-CMAC

## Command Mode

- /exec/configure/macseckeychain-key

# key-octet-string 6 cryptographic-algorithm AES\_256\_CMAC

```
{ key-octet-string 6 <keystring> cryptographic-algorithm AES_256_CMAC }
```

## Syntax Description

key-octet-string	Set key octet string
6	Encryption Type - Proprietary (type-6 encrypted)
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_256_CMAC	cryptographic-algorithm AES-256-CMAC

## Command Mode

- /exec/configure/macseckeychain-key

# key-octet-string 7 cryptographic-algorithm AES\_128\_CMAC

```
{ key-octet-string 7 <keystring> cryptographic-algorithm AES_128_CMAC }
```

## Syntax Description

key-octet-string	Set key octet string
7	Encryption Type - Proprietary
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_128_CMAC	cryptographic-algorithm AES-128-CMAC

## Command Mode

- /exec/configure/macseckeychain-key

# key-octet-string 7 cryptographic-algorithm AES\_128\_CMAC

```
{ key-octet-string 7 <keystring> cryptographic-algorithm AES_128_CMAC }
```

## Syntax Description

key-octet-string	Set key octet string
7	Encryption Type - Proprietary
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_128_CMAC	cryptographic-algorithm AES-128-CMAC

## Command Mode

- /exec/configure/tunnelencryptkeychain-key

## key-octet-string 7 cryptographic-algorithm AES\_256\_CMAC

```
{ key-octet-string 7 <keystring> cryptographic-algorithm AES_256_CMAC }
```

### Syntax Description

key-octet-string	Set key octet string
7	Encryption Type - Proprietary
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_256_CMAC	cryptographic-algorithm AES-256-CMAC

### Command Mode

- /exec/configure/macseckeychain-key



# key-octet-string 7 cryptographic-algorithm AES\_256\_CMAC

```
{ key-octet-string 7 <keystring> cryptographic-algorithm AES_256_CMAC }
```

## Syntax Description

key-octet-string	Set key octet string
7	Encryption Type - Proprietary
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_256_CMAC	cryptographic-algorithm AES-256-CMAC

## Command Mode

- /exec/configure/tunnelencryptkeychain-key

## key-octet-string cryptographic-algorithm AES\_128\_CMAC

```
{ key-octet-string [ 0 ] <keystring> cryptographic-algorithm AES_128_CMAC | no key-octet-string [ 0 ]
<keystring> cryptographic-algorithm AES_128_CMAC | no key-octet-string }
```

### Syntax Description

no	Negate a command or set its defaults
key-octet-string	Set key octet string
0	(Optional) Encryption Type - No Encryption(default)
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_128_CMAC	cryptographic-algorithm AES-128-CMAC

### Command Mode

- /exec/configure/tunnelencryptkeychain-key

# key-octet-string cryptographic-algorithm AES\_128\_CMAC

```
{ key-octet-string [ 0 ] <keystring> cryptographic-algorithm AES_128_CMAC | no key-octet-string [ 0 ]
<keystring> cryptographic-algorithm AES_128_CMAC | no key-octet-string }
```

## Syntax Description

no	Negate a command or set its defaults
key-octet-string	Set key octet string
0	(Optional) Encryption Type - No Encryption(default)
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_128_CMAC	cryptographic-algorithm AES-128-CMAC

## Command Mode

- /exec/configure/macseckeychain-key

## key-octet-string cryptographic-algorithm AES\_256\_CMAC

```
{ key-octet-string [ 0 ] <keystring> cryptographic-algorithm AES_256_CMAC | no key-octet-string [ 0 ]
<keystring> cryptographic-algorithm AES_256_CMAC | no key-octet-string }
```

### Syntax Description

no	Negate a command or set its defaults
key-octet-string	Set key octet string
0	(Optional) Encryption Type - No Encryption(default)
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_256_CMAC	cryptographic-algorithm AES-256-CMAC

### Command Mode

- /exec/configure/tunnelencryptkeychain-key

# key-octet-string cryptographic-algorithm AES\_256\_CMAC

```
{ key-octet-string [ 0 ] <keystring> cryptographic-algorithm AES_256_CMAC | no key-octet-string [ 0 ]
<keystring> cryptographic-algorithm AES_256_CMAC | no key-octet-string }
```

## Syntax Description

no	Negate a command or set its defaults
key-octet-string	Set key octet string
0	(Optional) Encryption Type - No Encryption(default)
<i>keystring</i>	key octet string
cryptographic-algorithm	Select CMAC algorithm for authentication
AES_256_CMAC	cryptographic-algorithm AES-256-CMAC

## Command Mode

- /exec/configure/macseckeychain-key

# key-server-priority

[no] key-server-priority <pri>

## Syntax Description

key-server-priority	Configure Key-Server priority
<i>pri</i>	key-server priority value

## Command Mode

- /exec/configure/masec-policy

# key-string

{ key-string [ 0 ] <keystring> | no key-string }

## Syntax Description

no	Negate a command or set its defaults
key-string	Set key string
0	(Optional) Encryption Type - No Encryption(default)
<i>keystring</i>	key string

## Command Mode

- /exec/configure/keychain-key

# key-string 7

```
{ key-string 7 <keystring> }
```

## Syntax Description

key-string	Set key string
7	Encryption Type - Proprietary
<i>keystring</i>	key string

## Command Mode

- /exec/configure/keychain-key



# key

[no] key <keyid>

## Syntax Description

no	(Optional) Negate a command or set its defaults
key	Configure a key
<i>keyid</i>	Key identifier

## Command Mode

- /exec/configure/keychain

# key

[no] key <macsec\_keyid>

## Syntax Description

no	(Optional) Negate a command or set its defaults
key	Configure a macsec key
<i>macsec_keyid</i>	MACsec Key identifier ranging from 1 octet to 32

## Command Mode

- /exec/configure/macseckeychain

# key

[no] key <tunnelencryption\_keyid>

## Syntax Description

no	(Optional) Negate a command or set its defaults
key	Configure a tunnelencryption key
<i>tunnelencryption_keyid</i>	Tunnel-encryption Key identifier ranging from 1 octet to 32

## Command Mode

- /exec/configure/tunnelencryptkeychain

# key chain

[no] key chain <keychain>

## Syntax Description

no	(Optional) Negate a command or set its defaults
key	Key Management
chain	Keychain Management
<i>keychain</i>	key-chain name

## Command Mode

- /exec/configure

# key chain macsec

[no] key chain <keychain> macsec

## Syntax Description

no	(Optional) Negate a command or set its defaults
key	Key Management
chain	Keychain Management
<i>keychain</i>	macsec key-chain name
macsec	Macsec Keychain

## Command Mode

- /exec/configure

# key chain tunnel-encryption

[no] key chain <keychain> tunnel-encryption

## Syntax Description

no	(Optional) Negate a command or set its defaults
key	Key Management
chain	Keychain Management
<i>keychain</i>	tunnel-encryption key-chain name
tunnel-encryption	Tunnel-encryption Keychain

## Command Mode

- /exec/configure

# keychain

[no] keychain <keychain\_name> [ policy <policy\_name> ]

## Syntax Description

keychain	Key Chain
<i>keychain_name</i>	Name of keychain specified as a string
policy	(Optional) policy
<i>policy_name</i>	(Optional) name of the policy specified as a string

## Command Mode

- /exec/configure/tunenc-peer

# kill background

kill background <pid>

## Syntax Description

kill	terminate processes
background	kill background processes (started with 'source background <file>' command)
<i>pid</i>	background script to terminate, by process-id or just a regex matching any line from 'show background' command

## Command Mode

- /exec



# kubernetes server ip-address port

[no] kubernetes server ip-address <ip-addr> port <s0> [ vrf <vrf-name> ] | no kubernetes server

## Syntax Description

no	(Optional) Negate a command or set its defaults
kubernetes	kubernetes
server	kubernetes server
ip-address	IP address of the kubernetes host
<i>ip-addr</i>	ip address of kubernetes Host
port	Port number of the host
<i>s0</i>	port number
vrf	(Optional) Display per-VRF information
<i>vrf-name</i>	(Optional) VRF name

## Command Mode

- /exec/configure

