Security CLI Reference

![note icon]

Note To achieve simplification and consistency, the Cisco SD-WAN solution has been rebranded as Cisco Catalyst SD-WAN. In addition, from Cisco IOS XE SD-WAN Release 17.12.1a and Cisco Catalyst SD-WAN Release 20.12.1, the following component changes are applicable: **Cisco vManage** to **Cisco Catalyst SD-WAN Manager**, **Cisco vAnalytics** to **Cisco Catalyst SD-WAN Analytics**, **Cisco vBond** to **Cisco Catalyst SD-WAN Validator**, and **Cisco vSmart** to **Cisco Catalyst SD-WAN Controller**. See the latest Release Notes for a comprehensive list of all the component brand name changes. While we transition to the new names, some inconsistencies might be present in the documentation set because of a phased approach to the user interface updates of the software product.

CLI commands for configuring and monitoring security.

Security Configuration Commands

Use the following commands to configure security parameters:

```
security
 control
   protocol (dtls | tls)
   tls-port number
 ipsec
   authentication-type type
   rekey seconds
   replay-window number
 vpn vpn-id
   interface ipsecnumber
     access-list acl-name
     block-non-source-ip
     clear-dont-fragment
     dead-peer-detection  interval seconds retries number
     description text
   ike
     authentication-type type
       local-id id
       pre-shared-secret password
       remote-id id
     cipher-suite suite
     group number
     mode mode
     rekey seconds
     version number
    ip address ipv4-prefix/length
```

```
ipsec
 cipher-suite suite
 perfect-forward-secrecy pfs-setting
 rekey seconds
 replay-window number
mtu bytes
policer policer-name
rewrite-rule rule-name
[no] shutdown
tcp-mss-adjust bytes
tunnel-destination (dns-name | ipv4-address)
(tunnel-source ip-address |  tunnel-source-interface interface-name)
```

Security Monitoring Commands

- **show control connections**

- **show security-info**