

Default Configuration at Startup

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**, **Cisco vSmart** to **Cisco Catalyst SD-WAN Controller**, and **Cisco Controllers** to **Cisco Catalyst SD-WAN Control Components**. 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.

Cisco ships each Cisco ISR 1100 and ISR 1100X Series router from the factory with a default configuration, either for Cisco vEdge operating system or Cisco IOS XE. The default configuration file sets the default CLI prompt, configures OMP, and enables logging of syslog messages to a file.

Smart Licensing

The default configurations include a command that relates to Cisco Smart Licensing. For information about Cisco Smart Licensing, see the Cisco Smart Licensing Guide.

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Cisco ISR1100-4G and Cisco ISR1100-6G Routers, Cisco vEdge Operating System

The following is the default configuration at start up for the following router models when ordered with Cisco vEdge operating system.

- Cisco ISR1100-4G
- Cisco ISR1100X-4G
- Cisco ISR1100-6G
- Cisco ISR1100X-6G



Note This information is provided for convenience. Default configurations are subject to change.

```
device# show running-config
system
 host-name               vedge
 admin-tech-on-failure
 no route-consistency-check
 vbond ztp.viptela.com
 aaa
  auth-order local radius tacacs
  usergroup basic
   task system read write
   task interface read write
  !
  usergroup netadmin
  !
  usergroup operator
   task system read
   task interface read
   task policy read
   task routing read
   task security read
  !
  usergroup tenantadmin
  !
  user admin
   password
$6$tebXK3g64oMdWjSp$kIbJ/qShDI4/eLQ0M8NLyCK7rlmsZAlnwGFqCVZc7rNlIE6f8O1Q6IuP4pHJinc8pSTNGAEYtoCAwDuAiGPF9/
  !
!
logging
  disk
   enable
  !
!
!
omp
```

```
no shutdown
graceful-restart
advertise connected
advertise static
!
security
ipsec
  authentication-type ah-sha1-hmac sha1-hmac
!
!
vpn 0
interface ge0/0
  ip dhcp-client
  ipv6 dhcp-client
  tunnel-interface
   encapsulation ipsec
   no allow-service bgp
   allow-service dhcp
   allow-service dns
   allow-service icmp
   no allow-service sshd
   no allow-service netconf
   no allow-service ntp
   no allow-service ospf
   no allow-service stun
   allow-service https
  !
  no shutdown
!
!
vpn 512
!
```

Cisco ISR1100-4GLTE Routers, Cisco vEdge Operating System

The following is the default configuration at start up for the following router models when ordered with Cisco vEdge operating system.

- Cisco ISR1100-4GLTENA
- Cisco ISR1100-4GLTEGB



Note This information is provided for convenience. Default configurations are subject to change.

```
Device# show running-config
system
 host-name               vedge
 admin-tech-on-failure
 no route-consistency-check
 vbond ztp.viptela.com
 aaa
  auth-order local radius tacacs
  usergroup basic
   task system read write
   task interface read write
  !
  usergroup netadmin
  !
```

```
  usergroup operator
   task system read
   task interface read
   task policy read
   task routing read
   task security read
  !
  usergroup tenantadmin
  !
  user admin
   password
$6$tebXK3g64oMdWjSp$kIbJ/qShDI4/eLQ0M8NLyCK7rlmsZAlnwGFqCVZc7rNlIE6f8O1Q6IuP4pHJinc8pSTNGAEYtoCAwDuAiGPF9/

  !
 !
 logging
  disk
   enable
  !
 !
!
omp
 no shutdown
 graceful-restart
 advertise connected
 advertise static
!
security
 ipsec
  authentication-type ah-sha1-hmac sha1-hmac
 !
!
vpn 0
 interface cellular0
  ip dhcp-client
  tunnel-interface
   encapsulation ipsec
   color lte
   no allow-service bgp
   allow-service dhcp
   allow-service dns
   allow-service icmp
   no allow-service sshd
   no allow-service netconf
   no allow-service ntp
   no allow-service ospf
   no allow-service stun
   allow-service https
  !
  mtu        1428
  profile    0
  technology auto
  no shutdown
 !
 interface ge0/0
  ip dhcp-client
  ipv6 dhcp-client
  tunnel-interface
   encapsulation ipsec
   no allow-service bgp
   allow-service dhcp
   allow-service dns
   allow-service icmp
   no allow-service sshd
```

```
   no allow-service netconf
   no allow-service ntp
   no allow-service ospf
   no allow-service stun
   allow-service https
  !
  no shutdown
 !
!
vpn 512
!
```

Cisco ISR1100-4G Routers, Cisco IOS XE

The following is the default configuration at start up for the following router models when ordered with Cisco IOS XE.

- Cisco ISR1100-4G
- Cisco ISR1100X-4G



Note This information is provided for convenience. Default configurations are subject to change.

```
device# show sdwan running-config
system
 admin-tech-on-failure
!
memory free low-watermark processor 68184
call-home
 contact-email-addr sch-smart-licensing@cisco.com
 profile CiscoTAC-1
  active
  destination transport-method http
 !
!
no service tcp-small-servers
no service udp-small-servers
platform qfp utilization monitor load 80
hostname Router
username admin privilege 15 secret 0 admin
no ip finger
no ip rcmd rcp-enable
no ip rcmd rsh-enable
no ip dhcp use class
ip ssh version 2
no ip http server
ip http secure-server
ip nat settings central-policy
ip nat settings gatekeeper-size 1024
interface GigabitEthernet0/0/0
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/1
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/2
```

```
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/3
 no shutdown
 negotiation auto
exit
aaa authentication enable default enable
aaa authentication login default local
aaa authorization console
aaa authorization exec default local
login on-success log
line aux 0
!
line con 0
 login authentication default
 speed    115200
 stopbits 1
!
line vty 0 4
 login authentication default
!
line vty 5 80
 login authentication default
!
sdwan
 appqoe
  no tcpopt enable
  no dreopt enable
 !
 omp
  no shutdown
  graceful-restart
  no as-dot-notation
  address-family ipv4
   advertise connected
   advertise static
  !
  address-family ipv6
   advertise connected
   advertise static
  !
 !
!
security
 ipsec
  authentication-type ah-sha1-hmac sha1-hmac
 !
!
```

Cisco ISR1100-6G Routers, Cisco IOS XE

The following is the default configuration at start up for the following router models when ordered with Cisco IOS XE.

- Cisco ISR1100-6G
- Cisco ISR1100X-6G

Note This information is provided for convenience. Default configurations are subject to change.

```
device# show sdwan running-config
system
 admin-tech-on-failure
!
memory free low-watermark processor 68184
call-home
 contact-email-addr sch-smart-licensing@cisco.com
 profile CiscoTAC-1
  active
  destination transport-method http
 !
!
no service tcp-small-servers
no service udp-small-servers
platform qfp utilization monitor load 80
hostname Router
username admin privilege 15 secret 0 admin
no ip finger
no ip rcmd rcp-enable
no ip rcmd rsh-enable
no ip dhcp use class
ip ssh version 2
no ip http server
ip http secure-server
ip nat settings central-policy
ip nat settings gatekeeper-size 1024
interface GigabitEthernet0/0/0
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/1
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/2
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/3
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/4
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/5
 no shutdown
 negotiation auto
exit
aaa authentication enable default enable
aaa authentication login default local
aaa authorization console
aaa authorization exec default local
login on-success log
line aux 0
!
line con 0
 login authentication default
```

```
 speed    115200
 stopbits 1
!
line vty 0 4
 login authentication default
!
line vty 5 80
 login authentication default
!
sdwan
 appqoe
  no tcpopt enable
  no dreopt enable
 !
 omp
  no shutdown
  graceful-restart
  no as-dot-notation
  address-family ipv4
   advertise connected
   advertise static
  !
  address-family ipv6
   advertise connected
   advertise static
  !
 !
!
security
 ipsec
  authentication-type ah-sha1-hmac sha1-hmac
 !
!
```

Cisco ISR1100-4GLTE Routers, Cisco IOS XE

The following is the default configuration at start up for the following router models when ordered with Cisco IOS XE.

- Cisco ISR1100-4GLTENA
- Cisco ISR1100-4GLTEGB

Note This information is provided for convenience. Default configurations are subject to change.

```
device# show sdwan running-config
system
 admin-tech-on-failure
!
memory free low-watermark processor 68304
call-home
 contact-email-addr sch-smart-licensing@cisco.com
 profile CiscoTAC-1
  active
  destination transport-method http
 !
!
no service tcp-small-servers
```

```
no service udp-small-servers
platform qfp utilization monitor load 80
hostname Router
username admin privilege 15 secret 0 admin
controller Cellular 0/1/0
!
no ip finger
no ip rcmd rcp-enable
no ip rcmd rsh-enable
no ip dhcp use class
no ip http server
ip http secure-server
ip nat settings central-policy
ip nat settings gatekeeper-size 1024
interface GigabitEthernet0/0/0
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/1
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/2
 no shutdown
 negotiation auto
exit
interface GigabitEthernet0/0/3
 no shutdown
 negotiation auto
exit
interface Cellular0/1/0
 no shutdown
 ip address negotiated
 ipv6 enable
exit
interface Cellular0/1/1
 shutdown
 ip address negotiated
exit
aaa authentication enable default enable
aaa authentication login default local
aaa authorization console
aaa authorization exec default local
login on-success log
line aux 0
!
line con 0
 login authentication default
 stopbits 1
!
line vty 0 4
 login authentication default
!
line vty 5 80
 login authentication default
!
sdwan
 appqoe
  no tcpopt enable
 !
 omp
  no shutdown
  graceful-restart
  no as-dot-notation
```

```
  address-family ipv4
   advertise connected
   advertise static
  !
  address-family ipv6
   advertise connected
   advertise static
  !
 !
!
security
 ipsec
  authentication-type ah-sha1-hmac sha1-hmac
 !
!
```