Last login: Fri Oct 27 08:24:17 on console

pvanapal@PVANAPAL-M-1088 ~ % telnet 10.106.19.155 2018

zsh: command not found: telnet

pvanapal@PVANAPAL-M-1088 ~ %

pvanapal@PVANAPAL-M-1088 ~ % bash

The default interactive shell is now zsh.

To update your account to use zsh, please run `chsh -s /bin/zsh`.

For more details, please visit https://support.apple.com/kb/HT208050.

bash-3.2$

bash-3.2$

bash-3.2$ telnet 10.106.19.155 2018

bash: telnet: command not found

bash-3.2$ brew telnet

bash: brew: command not found

bash-3.2$

bash-3.2$

bash-3.2$ ssh lab@10.106.26.254

The authenticity of host '10.106.26.254 (10.106.26.254)' can't be established.

RSA key fingerprint is SHA256:An/gB1TNbhrJKSAFyeEZYFkWR94VCAq67AxK8NpeCMQ.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added '10.106.26.254' (RSA) to the list of known hosts.

(lab@10.106.26.254) Password:

(lab@10.106.26.254) Password:

bash-3.2$ ping pi-xeinfra6

PING pi-xeinfra6.cisco.com (10.106.26.145): 56 data bytes

64 bytes from 10.106.26.145: icmp\_seq=0 ttl=53 time=4.738 ms

64 bytes from 10.106.26.145: icmp\_seq=1 ttl=53 time=5.036 ms

64 bytes from 10.106.26.145: icmp\_seq=2 ttl=53 time=4.098 ms

64 bytes from 10.106.26.145: icmp\_seq=3 ttl=53 time=7.961 ms

64 bytes from 10.106.26.145: icmp\_seq=4 ttl=53 time=10.348 ms

^C

--- pi-xeinfra6.cisco.com ping statistics ---

5 packets transmitted, 5 packets received, 0.0% packet loss

round-trip min/avg/max/stddev = 4.098/6.436/10.348/2.364 ms

bash-3.2$ ssh pvanapal@pi-xeinfra6

The authenticity of host 'pi-xeinfra6 (10.106.26.145)' can't be established.

ED25519 key fingerprint is SHA256:NjQ2giZCCt9z/j4CwUFh/mbZHdSQn/YBUw3EWwmOgQw.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

Warning: Permanently added 'pi-xeinfra6' (ED25519) to the list of known hosts.

This is a Cisco managed device to be used only for authorized purposes.

Your use is monitored for security, asset protection, and policy compliance.

pvanapal@pi-xeinfra6's password:

Cisco Linux 7.90-7Devsuite Kickstarted on:Mon Jun 5 23:19:45 IST 2023

-bash: warning: setlocale: LC\_CTYPE: cannot change locale (UTF-8): No such file or directory

Welcome to Cisco Systems, Inc.

This is the first time you have logged in with this generic user

environment. We recommend that you look at the file README\_dotfiles

provided for important information about this generic environment

before contacting EHS for support.

Hit return to continue...

pi-xeinfra6:~ >

pi-xeinfra6:~ > telnet 10.106.19.155 2018

Trying 10.106.19.155...

Connected to 10.106.19.155.

Escape character is '^]'.

c9500-18#exit

c9500-18 con0 is now available

Press RETURN to get started.

c9500-18>

\*Oct 27 17:49:28.143 IST: %SEC\_LOGIN-5-LOGIN\_SUCCESS: Login Success [user: ] [Source: LOCAL] [localport: 0] at 17:49:28 IST Fri Oct 27 2023

c9500-18>

c9500-18>en

c9500-18#

c9500-18#

c9500-18#

telnet> q

Connection closed.

pi-xeinfra6:~ >

pi-xeinfra6:~ >

pi-xeinfra6:~ > telnet 10.106.19.155 2018

Trying 10.106.19.155...

Connected to 10.106.19.155.

Escape character is '^]'.

c9500-18#

c9500-18#

c9500-18#

c9500-18#

c9500-18#show inter

c9500-18#show interfaces bri

c9500-18#show interfaces bri

^

% Invalid input detected at '^' marker.

c9500-18#show interfaces summ

c9500-18#show interfaces summary

\*: interface is up

IHQ: pkts in input hold queue IQD: pkts dropped from input queue

OHQ: pkts in output hold queue OQD: pkts dropped from output queue

RXBS: rx rate (bits/sec) RXPS: rx rate (pkts/sec)

TXBS: tx rate (bits/sec) TXPS: tx rate (pkts/sec)

TRTL: throttle count

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Vlan1 0 0 0 0 0 0 0 0 0

\* GigabitEthernet0/0 0 2412 0 0 84000 37 0 0 0

Te1/0/1 0 0 0 0 0 0 0 0 0

Te1/0/2 0 0 0 0 0 0 0 0 0

Te1/0/3 0 0 0 0 0 0 0 0 0

Te1/0/4 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/5 0 0 0 0 0 0 0 0 0

Te1/0/6 0 0 0 0 0 0 0 0 0

Te1/0/7 0 0 0 0 0 0 0 0 0

Te1/0/8 0 0 0 0 0 0 0 0 0

Te1/0/9 0 0 0 0 0 0 0 0 0

Te1/0/10 0 0 0 0 0 0 0 0 0

Te1/0/11 0 0 0 0 0 0 0 0 0

Te1/0/12 0 0 0 0 0 0 0 0 0

Te1/0/13 0 0 0 0 0 0 0 0 0

Te1/0/14 0 0 0 0 0 0 0 0 0

Te1/0/15 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/16 0 0 0 0 0 0 0 0 0

Te1/0/17 0 0 0 0 0 0 0 0 0

Te1/0/18 0 0 0 0 0 0 0 0 0

Te1/0/19 0 0 0 0 0 0 0 0 0

Te1/0/20 0 0 0 0 0 0 0 0 0

Te1/0/21 0 0 0 0 0 0 0 0 0

Te1/0/22 0 0 0 0 0 0 0 0 0

Te1/0/23 0 0 0 0 0 0 0 0 0

Te1/0/24 0 0 0 0 0 0 0 0 0

Te1/0/25 0 0 0 0 0 0 0 0 0

Te1/0/26 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/27 0 0 0 0 0 0 0 0 0

Te1/0/28 0 0 0 0 0 0 0 0 0

Te1/0/29 0 0 0 0 0 0 0 0 0

Te1/0/30 0 0 0 0 0 0 0 0 0

Te1/0/31 0 0 0 0 0 0 0 0 0

Te1/0/32 0 0 0 0 0 0 0 0 0

Te1/0/33 0 0 0 0 0 0 0 0 0

Te1/0/34 0 0 0 0 0 0 0 0 0

Te1/0/35 0 0 0 0 0 0 0 0 0

Te1/0/36 0 0 0 0 0 0 0 0 0

Te1/0/37 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/38 0 0 0 0 0 0 0 0 0

Te1/0/39 0 0 0 0 0 0 0 0 0

Te1/0/40 0 0 0 0 0 0 0 0 0

Te1/1/1 0 0 0 0 0 0 0 0 0

Te1/1/2 0 0 0 0 0 0 0 0 0

Te1/1/3 0 0 0 0 0 0 0 0 0

Te1/1/4 0 0 0 0 0 0 0 0 0

Te1/1/5 0 0 0 0 0 0 0 0 0

Te1/1/6 0 0 0 0 0 0 0 0 0

Te1/1/7 0 0 0 0 0 0 0 0 0

Te1/1/8 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Fo1/1/1 0 0 0 0 0 0 0 0 0

Fo1/1/2 0 0 0 0 0 0 0 0 0

\* Loopback0 0 0 0 0 0 0 0 0 0

c9500-18# show run inte

c9500-18# show run interface gi

c9500-18# show run interface gigabitEthernet 0/0

Building configuration...

Current configuration : 121 bytes

!

interface GigabitEthernet0/0

vrf forwarding Mgmt-vrf

ip address 10.106.26.254 255.255.255.128

negotiation auto

end

c9500-18#show runn

c9500-18#show vlan

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

1 default active Te1/0/1, Te1/0/2, Te1/0/3

Te1/0/4, Te1/0/5, Te1/0/6

Te1/0/7, Te1/0/8, Te1/0/9

Te1/0/10, Te1/0/12, Te1/0/13

Te1/0/14, Te1/0/15, Te1/0/16

Te1/0/17, Te1/0/18, Te1/0/21

Te1/0/22, Te1/0/23, Te1/0/24

Te1/0/26, Te1/0/27, Te1/0/28

Te1/0/29, Te1/0/30, Te1/0/31

Te1/0/32, Te1/0/33, Te1/0/34

Te1/0/35, Te1/0/36, Te1/0/37

Te1/0/38, Te1/0/39, Te1/0/40

Fo1/1/1, Fo1/1/2

1002 fddi-default act/unsup

1003 token-ring-default act/unsup

1004 fddinet-default act/unsup

1005 trnet-default act/unsup

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2

---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

1 enet 100001 1500 - - - - - 0 0

1002 fddi 101002 1500 - - - - - 0 0

1003 tr 101003 1500 - - - - - 0 0

1004 fdnet 101004 1500 - - - ieee - 0 0

1005 trnet 101005 1500 - - - ibm - 0 0

Remote SPAN VLANs

------------------------------------------------------------------------------

Primary Secondary Type Ports

------- --------- ----------------- ------------------------------------------

c9500-18#confi

c9500-18#configure gu

c9500-18#configure tern

c9500-18#configure term

c9500-18#configure terminal

Enter configuration commands, one per line. End with CNTL/Z.

c9500-18(config)#vlan 10

c9500-18(config-vlan)#

\*Oct 27 18:01:11.318 IST: %SYS-5-CONFIG\_I: Configured from console by console

c9500-18(config-vlan)#?

VLAN configuration commands:

are Maximum number of All Route Explorer hops for this VLAN (or

zero if none specified)

backupcrf Backup CRF mode of the VLAN

bridge Bridging characteristics of the VLAN

exit Apply changes, bump revision number, and exit mode

media Media type of the VLAN

name Ascii name of the VLAN

no Negate a command or set its defaults

parent ID number of the Parent VLAN of FDDI or Token Ring type VLANs

private-vlan Configure a private VLAN

remote-span Configure as Remote SPAN VLAN

ring Ring number of FDDI or Token Ring type VLANs

said IEEE 802.10 SAID

shutdown Shutdown VLAN switching

state Operational state of the VLAN

ste Maximum number of Spanning Tree Explorer hops for this VLAN (or

zero if none specified)

stp Spanning tree characteristics of the VLAN

tb-vlan1 ID number of the first translational VLAN for this VLAN (or

zero if none)

tb-vlan2 ID number of the second translational VLAN for this VLAN (or

zero if none)

c9500-18(config-vlan)#name ?

WORD The ascii name for the VLAN

c9500-18(config-vlan)#name test\_vlan

c9500-18(config-vlan)#

c9500-18(config-vlan)#

c9500-18(config-vlan)#exit

c9500-18(config)#inter

c9500-18(config)#interface vl

c9500-18(config)#interface vlan 10

c9500-18(config-if)#ipv6 nd ns-interval 0

\*Oct 27 18:02:37.834 IST: ^

\*Oct 27 18:02:37.834 IST: % Invalid input detected at '^' marker.

spanning-tree cost 0

\*Oct 27 18:02:37.845 IST: ^

\*Oct 27 18:02:37.845 IST: % Invalid input detected at '^' marker.

c9500-18(config-if)#

\*Oct 27 18:02:37.853 IST: %SYS-5-CONFIG\_I: Configured from console by console

c9500-18(config-if)#

\*Oct 27 18:02:38.387 IST: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan10, changed state to down

c9500-18(config-if)#

c9500-18(config-if)#

c9500-18(config-if)#?

Interface configuration commands:

aaa Authentication, Authorization and Accounting.

access-expression Build a bridge boolean access expression

access-session Access Session specific Interface Configuration Commands

arp Set arp type (arpa, probe, snap), timeout, log options or

packet priority

autostate Enable autostate determination for VLAN

bandwidth Set bandwidth informational parameter

bfd BFD interface configuration commands

bgp-policy Apply policy propagated by bgp community string

carrier-delay Specify delay for interface transitions

cdp CDP interface subcommands

clns CLNS interface subcommands

crypto Encryption/Decryption commands

cts Configure Cisco Trusted Security

dampening Enable event dampening

datalink Interface Datalink commands

default Set a command to its defaults

delay Specify interface throughput delay

description Interface specific description

device-sensor Interface Config Commands for device-sensor

eapol eapol

eigrp EIGRP interface specific commands

encapsulation Set encapsulation type for an interface

et-analytics et-analytics support on this interface

ethernet Ethernet interface parameters

event-buffer Enable interface event bufferring

evpn Ethernet Virtual Private Network (EVPN)

exit Exit from interface configuration mode

fabric configure fabric

fhrp Configure FHRP

glbp Gateway Load Balancing Protocol interface commands

group-policy Group-policy configuration

help Description of the interactive help system

history Interface history histograms - 60 second, 60 minute and 72

hour

hold-queue Set hold queue depth

ip Interface Internet Protocol config commands

ipv6 IPv6 interface subcommands

isis IS-IS commands

iso-igrp ISO-IGRP interface subcommands

l2protocol Configure l2 control protocol processing

link Interface link related commands

linksec-shim Configure link security parameters

lisp Locator/ID Separation Protocol

load-interval Specify interval for load calculation for an interface

logging Configure logging for interface

loopback Configure internal loopback on an interface

mac-address Manually set interface MAC address

macro Command macro

mdns-sd mDNS config on vlan/interface

medium Configure interface medium

member Configure the Layer2 VPN member

metadata Metadata Application

mka MACsec Key Agreement (MKA) interface configuration

mpls Configure MPLS interface parameters

mvrp Multiple VLAN Registration Protocol

nat64 NAT64 interface commands

neighbor interface neighbor configuration mode commands

no Negate a command or set its defaults

ntp Configure NTP

onep Configure onep settings

opendns Open DNS interface commands

ospfv3 OSPFv3 interface commands

platform Platform specific information

private-vlan Configure private VLAN SVI interface settings

rpl Configure RPL protocol

rrr MPLS Traffic Engineering interface configuration commands

service Configure Ether Service

service-policy Configure CPL Service Policy

service-routing Service Routing in Interface Mode

shutdown Shutdown the selected interface

snmp Modify SNMP interface parameters

source Get config from another source

spanning-tree Spanning Tree Subsystem

srlg Interface Shared Risk Link Group config commands

standby HSRP interface configuration commands

subscriber Subscriber inactivity timeout value.

tag-switching Tag Switching interface configuration commands

template interface template

timeout Define timeout values for this interface

topology Configure routing topology on the interface

trust Set trust value for the interface

umbrella Umbrella interface commands

vpn vpn\_config

vrf VPN Routing/Forwarding parameters on the interface

xconnect Xconnect commands

c9500-18(config-if)# no shut

c9500-18(config-if)#end

c9500-18#

\*Oct 27 18:03:06.393 IST: %SYS-5-CONFIG\_I: Configured from console by console

c9500-18#show vl

c9500-18#show vlan

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

1 default active Te1/0/1, Te1/0/2, Te1/0/3

Te1/0/4, Te1/0/5, Te1/0/6

Te1/0/7, Te1/0/8, Te1/0/9

Te1/0/10, Te1/0/12, Te1/0/13

Te1/0/14, Te1/0/15, Te1/0/16

Te1/0/17, Te1/0/18, Te1/0/21

Te1/0/22, Te1/0/23, Te1/0/24

Te1/0/26, Te1/0/27, Te1/0/28

Te1/0/29, Te1/0/30, Te1/0/31

Te1/0/32, Te1/0/33, Te1/0/34

Te1/0/35, Te1/0/36, Te1/0/37

Te1/0/38, Te1/0/39, Te1/0/40

Fo1/1/1, Fo1/1/2

10 test\_vlan active

1002 fddi-default act/unsup

1003 token-ring-default act/unsup

1004 fddinet-default act/unsup

1005 trnet-default act/unsup

VLAN Type SAID MTU Parent RingNo BridgeNo Stp BrdgMode Trans1 Trans2

VLAN Name Status Ports

---- -------------------------------- --------- -------------------------------

---- ----- ---------- ----- ------ ------ -------- ---- -------- ------ ------

1 enet 100001 1500 - - - - - 0 0

10 enet 100010 1500 - - - - - 0 0

1002 fddi 101002 1500 - - - - - 0 0

1003 tr 101003 1500 - - - - - 0 0

1004 fdnet 101004 1500 - - - ieee - 0 0

1005 trnet 101005 1500 - - - ibm - 0 0

Remote SPAN VLANs

------------------------------------------------------------------------------

Primary Secondary Type Ports

------- --------- ----------------- ------------------------------------------

c9500-18#show inter

c9500-18#show interfaces summ

c9500-18#show interfaces summary

\*: interface is up

IHQ: pkts in input hold queue IQD: pkts dropped from input queue

OHQ: pkts in output hold queue OQD: pkts dropped from output queue

RXBS: rx rate (bits/sec) RXPS: rx rate (pkts/sec)

TXBS: tx rate (bits/sec) TXPS: tx rate (pkts/sec)

TRTL: throttle count

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Vlan1 0 0 0 0 0 0 0 0 0

Vlan10 0 0 0 0 0 0 0 0 0

\* GigabitEthernet0/0 0 2412 0 0 77000 30 0 0 0

Te1/0/1 0 0 0 0 0 0 0 0 0

Te1/0/2 0 0 0 0 0 0 0 0 0

Te1/0/3 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/4 0 0 0 0 0 0 0 0 0

Te1/0/5 0 0 0 0 0 0 0 0 0

Te1/0/6 0 0 0 0 0 0 0 0 0

Te1/0/7 0 0 0 0 0 0 0 0 0

Te1/0/8 0 0 0 0 0 0 0 0 0

Te1/0/9 0 0 0 0 0 0 0 0 0

Te1/0/10 0 0 0 0 0 0 0 0 0

Te1/0/11 0 0 0 0 0 0 0 0 0

Te1/0/12 0 0 0 0 0 0 0 0 0

Te1/0/13 0 0 0 0 0 0 0 0 0

Te1/0/14 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/15 0 0 0 0 0 0 0 0 0

Te1/0/16 0 0 0 0 0 0 0 0 0

Te1/0/17 0 0 0 0 0 0 0 0 0

Te1/0/18 0 0 0 0 0 0 0 0 0

Te1/0/19 0 0 0 0 0 0 0 0 0

Te1/0/20 0 0 0 0 0 0 0 0 0

Te1/0/21 0 0 0 0 0 0 0 0 0

Te1/0/22 0 0 0 0 0 0 0 0 0

Te1/0/23 0 0 0 0 0 0 0 0 0

Te1/0/24 0 0 0 0 0 0 0 0 0

Te1/0/25 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/26 0 0 0 0 0 0 0 0 0

Te1/0/27 0 0 0 0 0 0 0 0 0

Te1/0/28 0 0 0 0 0 0 0 0 0

Te1/0/29 0 0 0 0 0 0 0 0 0

Te1/0/30 0 0 0 0 0 0 0 0 0

Te1/0/31 0 0 0 0 0 0 0 0 0

Te1/0/32 0 0 0 0 0 0 0 0 0

Te1/0/33 0 0 0 0 0 0 0 0 0

Te1/0/34 0 0 0 0 0 0 0 0 0

Te1/0/35 0 0 0 0 0 0 0 0 0

Te1/0/36 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/0/37 0 0 0 0 0 0 0 0 0

Te1/0/38 0 0 0 0 0 0 0 0 0

Te1/0/39 0 0 0 0 0 0 0 0 0

Te1/0/40 0 0 0 0 0 0 0 0 0

Te1/1/1 0 0 0 0 0 0 0 0 0

Te1/1/2 0 0 0 0 0 0 0 0 0

Te1/1/3 0 0 0 0 0 0 0 0 0

Te1/1/4 0 0 0 0 0 0 0 0 0

Te1/1/5 0 0 0 0 0 0 0 0 0

Te1/1/6 0 0 0 0 0 0 0 0 0

Te1/1/7 0 0 0 0 0 0 0 0 0

Interface IHQ IQD OHQ OQD RXBS RXPS TXBS TXPS TRTL

-----------------------------------------------------------------------------------------------------------------

Te1/1/8 0 0 0 0 0 0 0 0 0

Fo1/1/1 0 0 0 0 0 0 0 0 0

Fo1/1/2 0 0 0 0 0 0 0 0 0

\* Loopback0 0 0 0 0 0 0 0 0 0

c9500-18# show runn

c9500-18# show running-config

c9500-18# show running-config | sec al

c9500-18# show running-config | sec vlan

spanning-tree vlan 10 priority 61440

c9500-18# show running-config | in vlan

spanning-tree vlan 10 priority 61440

c9500-18#conf t

Enter configuration commands, one per line. End with CNTL/Z.

c9500-18(config)#inter

c9500-18(config)#interface cl

c9500-18(config)#interface vlan

c9500-18(config)#interface vlan 10

c9500-18(config-if)#no sut

c9500-18(config-if)#no sut

^

% Invalid input detected at '^' marker.

c9500-18(config-if)#no shut

c9500-18(config-if)#ip add

c9500-18(config-if)#ip address ?

A.B.C.D IP address

dhcp IP Address negotiated via DHCP

pool IP Address autoconfigured from a local DHCP pool

c9500-18(config-if)#ip address 1.1.1.1 ?

A.B.C.D IP subnet mask

c9500-18(config-if)#ip address 1.1.1.1 255.255.0.0 ?

secondary Make this IP address a secondary address

<cr> <cr>

c9500-18(config-if)#ip address 1.1.1.1 255.255.0.0

c9500-18(config-if)#

c9500-18(config-if)#

c9500-18(config-if)#e

\*Oct 27 18:05:23.549 IST: %SYS-5-CONFIG\_I: Configured from console by console

c9500-18(config-if)#end

c9500-18#wr

Building configuration...

[OK]

c9500-18#

\*Oct 27 18:05:28.334 IST: %SYS-5-CONFIG\_I: Configured from console by console

c9500-18#show run vlan 10

Building configuration...

Current configuration:

end

c9500-18#show run | in vlan

spanning-tree vlan 10 priority 61440

c9500-18#

c9500-18#show run

Building configuration...

Current configuration : 11880 bytes

!

! Last configuration change at 18:05:28 IST Fri Oct 27 2023

!

version 17.13

service timestamps debug datetime msec localtime show-timezone

service timestamps log datetime msec localtime show-timezone

service internal

service call-home

no platform punt-keepalive disable-kernel-core

!

hostname c9500-18

!

!

vrf definition Mgmt-vrf

!

address-family ipv4

exit-address-family

!

address-family ipv6

exit-address-family

!

aaa new-model

!

!

aaa accounting exec default

action-type start-stop

!

aaa accounting system default

!

!

!

aaa session-id common

clock timezone IST 5 30

boot system switch all flash:cat9k\_ssr.bin

switch 1 provision c9500-40x

!

!

!

!

ip routing

!

!

!

!

!

!

!

ip admission watch-list expiry-time 0

no ip domain lookup

!

!

!

login on-success log

!

!

!

!

!

!

!

mpls label mode all-vrfs protocol all-afs per-vrf

!

crypto pki trustpoint TP-self-signed-512347399

enrollment selfsigned

subject-name cn=IOS-Self-Signed-Certificate-512347399

revocation-check none

rsakeypair TP-self-signed-512347399

hash sha256

!

crypto pki trustpoint SLA-TrustPoint

enrollment pkcs12

revocation-check crl

hash sha256

!

!

crypto pki certificate chain TP-self-signed-512347399

certificate self-signed 01

3082032E 30820216 A0030201 02020101 300D0609 2A864886 F70D0101 05050030

30312E30 2C060355 04031325 494F532D 53656C66 2D536967 6E65642D 43657274

69666963 6174652D 35313233 34373339 39301E17 0D313830 36323432 30303231

365A170D 32303031 30313030 30303030 5A303031 2E302C06 03550403 1325494F

532D5365 6C662D53 69676E65 642D4365 72746966 69636174 652D3531 32333437

33393930 82012230 0D06092A 864886F7 0D010101 05000382 010F0030 82010A02

82010100 AD7F7596 9EC14BB6 687528D9 8B36733F 1F09FA0F D3195A34 002B5985

F39DCA4B 6E77E033 934CC30B DDD40A3C CDB5595F 6318FF2C CD14576E 81511DEE

2987C692 44625C65 D64AA99F D4816A81 EF03BB94 48654150 AFCE4567 714A1A97

2FE6884A 4AF5D7F9 55FA2A32 D9733A75 A7A46BD2 60889C4D 068F1A13 44760B42

AC4C415B 1E22836A 8D94F234 D46F8FD7 0DB6C887 2C2924CF C9B66FDC B8C6D904

09FE3CE3 0CB12348 B4F69D15 7AFB7B00 3C0818DC 102A986C 646820B4 DE0D499D

B7F2EA74 5D597DCF 87716322 0C2B6425 D58AFA10 FB1AF5C0 36D94726 0D200521

9D57D7E6 BC7B43CD A4CAECF4 C2006292 9E7D8C24 A38F6F6D 7FDBFF54 3A13D1D6

EF7D317F 02030100 01A35330 51300F06 03551D13 0101FF04 05300301 01FF301F

0603551D 23041830 168014A9 39825C78 5091B0B5 0D04323F 305E46E0 B2D4DA30

1D060355 1D0E0416 0414A939 825C7850 91B0B50D 04323F30 5E46E0B2 D4DA300D

06092A86 4886F70D 01010505 00038201 010076F6 0BD8DD67 392A0000 07133A04

78EE8362 276EE6F9 7C2B33DB D22CB9AA 44E02FEA DE2472DF F4F5693A ED3F9DA7

E73C71CC B62D826A B532584E 6CC1B67C 435A1E91 6CAF89CA 1C5496CA 5E52F9F0

2706B652 61BF03CB 3226A07E DA6C9CF0 67F87121 6B38070B 96B54A66 CD15EC13

CED99A11 F9A7522A DFAC28C6 E4A9928D 90388CB2 E3821A85 DDD3CD2A 91F801F1

0392D515 1F69ACCC 832E5D65 99253CB4 77BAEC61 6C6DF4F0 A3E4670D AC8A6AE5

8069141B D2C9814B 6A0FB99F 0A9950F9 2430F139 88F752C2 DD08E874 D00D3120

E5F287E1 14CE5E93 007CC398 58115B6E 7EE016B6 62502C2E 19AB35F8 F660D659

37487F61 9C75EFEC 0C398A38 DA62E42E 2B92

quit

crypto pki certificate chain SLA-TrustPoint

certificate ca 01

30820321 30820209 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030

32310E30 0C060355 040A1305 43697363 6F312030 1E060355 04031317 43697363

6F204C69 63656E73 696E6720 526F6F74 20434130 1E170D31 33303533 30313934

3834375A 170D3338 30353330 31393438 34375A30 32310E30 0C060355 040A1305

43697363 6F312030 1E060355 04031317 43697363 6F204C69 63656E73 696E6720

526F6F74 20434130 82012230 0D06092A 864886F7 0D010101 05000382 010F0030

82010A02 82010100 A6BCBD96 131E05F7 145EA72C 2CD686E6 17222EA1 F1EFF64D

CBB4C798 212AA147 C655D8D7 9471380D 8711441E 1AAF071A 9CAE6388 8A38E520

1C394D78 462EF239 C659F715 B98C0A59 5BBB5CBD 0CFEBEA3 700A8BF7 D8F256EE

4AA4E80D DB6FD1C9 60B1FD18 FFC69C96 6FA68957 A2617DE7 104FDC5F EA2956AC

7390A3EB 2B5436AD C847A2C5 DAB553EB 69A9A535 58E9F3E3 C0BD23CF 58BD7188

68E69491 20F320E7 948E71D7 AE3BCC84 F10684C7 4BC8E00F 539BA42B 42C68BB7

C7479096 B4CB2D62 EA2F505D C7B062A4 6811D95B E8250FC4 5D5D5FB8 8F27D191

C55F0D76 61F9A4CD 3D992327 A8BB03BD 4E6D7069 7CBADF8B DF5F4368 95135E44

DFC7C6CF 04DD7FD1 02030100 01A34230 40300E06 03551D0F 0101FF04 04030201

06300F06 03551D13 0101FF04 05300301 01FF301D 0603551D 0E041604 1449DC85

4B3D31E5 1B3E6A17 606AF333 3D3B4C73 E8300D06 092A8648 86F70D01 010B0500

03820101 00507F24 D3932A66 86025D9F E838AE5C 6D4DF6B0 49631C78 240DA905

604EDCDE FF4FED2B 77FC460E CD636FDB DD44681E 3A5673AB 9093D3B1 6C9E3D8B

D98987BF E40CBD9E 1AECA0C2 2189BB5C 8FA85686 CD98B646 5575B146 8DFC66A8

467A3DF4 4D565700 6ADF0F0D CF835015 3C04FF7C 21E878AC 11BA9CD2 55A9232C

7CA7B7E6 C1AF74F6 152E99B7 B1FCF9BB E973DE7F 5BDDEB86 C71E3B49 1765308B

5FB0DA06 B92AFE7F 494E8A9E 07B85737 F3A58BE1 1A48A229 C37C1E69 39F08678

80DDCD16 D6BACECA EEBC7CF9 8428787B 35202CDC 60E4616A B623CDBD 230E3AFB

418616A9 4093E049 4D10AB75 27E86F73 932E35B5 8862FDAE 0275156F 719BB2F0

D697DF7F 28

quit

!

!

license boot level network-advantage addon dna-advantage

memory free low-watermark processor 141310

!

diagnostic bootup level minimal

!

spanning-tree mode pvst

spanning-tree extend system-id

spanning-tree vlan 10 priority 61440

!

!

!

!

username cisco privilege 15 one-time password 0 FCW2215A27E

!

redundancy

mode sso

!

!

!

!

!

transceiver type all

monitoring

!

!

class-map match-any system-cpp-police-ewlc-control

description EWLC Control

class-map match-any system-cpp-police-topology-control

description Topology control

class-map match-any system-cpp-police-sw-forward

description Sw forwarding, L2 LVX data packets, LOGGING, Transit Traffic

class-map match-any system-cpp-default

description EWLC Data, Inter FED Traffic

class-map match-any system-cpp-police-sys-data

description Openflow, Exception, EGR Exception, NFL Sampled Data, RPF Failed

class-map match-any system-cpp-police-punt-webauth

description Punt Webauth

class-map match-any system-cpp-police-l2lvx-control

description L2 LVX control packets

class-map match-any system-cpp-police-forus

description Forus Address resolution and Forus traffic

class-map match-any system-cpp-police-multicast-end-station

description MCAST END STATION

class-map match-any AVC-Reanchor-Class

match protocol cisco-jabber-audio

match protocol cisco-jabber-video

match protocol webex-media

match protocol webex-app-sharing

match protocol webex-control

match protocol webex-meeting

match protocol wifi-calling

class-map match-any system-cpp-police-high-rate-app

description High Rate Applications

class-map match-any system-cpp-police-multicast

description MCAST Data

class-map match-any system-cpp-police-l2-control

description L2 control

class-map match-any system-cpp-police-dot1x-auth

description DOT1X Auth

class-map match-any system-cpp-police-data

description ICMP redirect, ICMP\_GEN and BROADCAST

class-map match-any system-cpp-police-stackwise-virt-control

description Stackwise Virtual OOB

class-map match-any system-cpp-police-control-low-priority

description General punt

class-map match-any non-client-nrt-class

class-map match-any system-cpp-police-routing-control

description Routing control and Low Latency

class-map match-any system-cpp-police-protocol-snooping

description Protocol snooping

class-map match-any system-cpp-police-dhcp-snooping

description DHCP snooping

class-map match-any system-cpp-police-ios-routing

description L2 control, Topology control, Routing control, Low Latency

class-map match-any system-cpp-police-system-critical

description System Critical and Gold Pkt

class-map match-any system-cpp-police-ios-feature

description ICMPGEN,BROADCAST,ICMP,L2LVXCntrl,ProtoSnoop,PuntWebauth,MCASTData,Transit,DOT1XAuth,Swfwd,LOGGING,L2LVXData,ForusTraffic,ForusARP,McastEndStn,Openflow,Exception,EGRExcption,NflSampled,RpfFailed

!

policy-map system-cpp-policy

class system-cpp-police-control-low-priority

police rate 200 pps

class system-cpp-police-forus

police rate 1000 pps

class system-cpp-default

police rate 1000 pps

!

!

!

!

!

!

!

!

!

!

!

!

interface Loopback0

ip address 3.3.3.3 255.255.255.255

!

interface GigabitEthernet0/0

vrf forwarding Mgmt-vrf

ip address 10.106.26.254 255.255.255.128

negotiation auto

!

interface TenGigabitEthernet1/0/1

!

interface TenGigabitEthernet1/0/2

!

interface TenGigabitEthernet1/0/3

!

interface TenGigabitEthernet1/0/4

!

interface TenGigabitEthernet1/0/5

!

interface TenGigabitEthernet1/0/6

!

interface TenGigabitEthernet1/0/7

!

interface TenGigabitEthernet1/0/8

!

interface TenGigabitEthernet1/0/9

!

interface TenGigabitEthernet1/0/10

!

interface TenGigabitEthernet1/0/11

no switchport

no ip address

!

interface TenGigabitEthernet1/0/12

!

interface TenGigabitEthernet1/0/13

!

interface TenGigabitEthernet1/0/14

!

interface TenGigabitEthernet1/0/15

!

interface TenGigabitEthernet1/0/16

!

interface TenGigabitEthernet1/0/17

!

interface TenGigabitEthernet1/0/18

!

interface TenGigabitEthernet1/0/19

no switchport

ip address 20.1.1.2 255.255.255.0

ip router isis 1

!

interface TenGigabitEthernet1/0/20

no switchport

ip address 30.1.1.1 255.255.255.0

ip router isis 1

!

interface TenGigabitEthernet1/0/21

!

interface TenGigabitEthernet1/0/22

!

interface TenGigabitEthernet1/0/23

!

interface TenGigabitEthernet1/0/24

!

interface TenGigabitEthernet1/0/25

no switchport

ip address 40.1.1.1 255.255.255.0

ip router isis 1

!

interface TenGigabitEthernet1/0/26

!

interface TenGigabitEthernet1/0/27

!

interface TenGigabitEthernet1/0/28

!

interface TenGigabitEthernet1/0/29

!

interface TenGigabitEthernet1/0/30

!

interface TenGigabitEthernet1/0/31

!

interface TenGigabitEthernet1/0/32

!

interface TenGigabitEthernet1/0/33

!

interface TenGigabitEthernet1/0/34

!

interface TenGigabitEthernet1/0/35

!

interface TenGigabitEthernet1/0/36

!

interface TenGigabitEthernet1/0/37

!

interface TenGigabitEthernet1/0/38

!

interface TenGigabitEthernet1/0/39

!

interface TenGigabitEthernet1/0/40

!

interface TenGigabitEthernet1/1/1

!

interface TenGigabitEthernet1/1/2

!

interface TenGigabitEthernet1/1/3

!

interface TenGigabitEthernet1/1/4

!

interface TenGigabitEthernet1/1/5

!

interface TenGigabitEthernet1/1/6

!

interface TenGigabitEthernet1/1/7

!

interface TenGigabitEthernet1/1/8

!

interface FortyGigabitEthernet1/1/1

shutdown

!

interface FortyGigabitEthernet1/1/2

!

interface Vlan1

no ip address

!

interface Vlan10

ip address 1.1.1.1 255.255.0.0

!

router lisp

service ethernet

exit-service-ethernet

!

instance-id 3

service ethernet

exit-service-ethernet

!

exit-instance-id

!

exit-router-lisp

!

router ospf 10

!

router isis 1

net 47.0010.0000.0000.0000.0001.0001.3333.3333.3333.00

metric-style wide

!

router bgp 4

bgp log-neighbor-changes

!

ip forward-protocol nd

ip http server

ip http authentication local

ip http secure-server

ip http secure-active-session-modules none

ip http active-session-modules none

ip tftp source-interface GigabitEthernet0/0

ip route vrf Mgmt-vrf 0.0.0.0 0.0.0.0 GigabitEthernet0/0 10.106.26.129

ip ssh bulk-mode 131072

ip ssh server algorithm mac hmac-sha2-256 hmac-sha2-256-etm@openssh.com hmac-sha2-512 hmac-sha2-512-etm@openssh.com hmac-sha1

!

!

ip access-list extended ABCD

!

!

!

!

!

!

control-plane

service-policy input system-cpp-policy

!

!

!

line con 0

exec-timeout 0 0

logging synchronous

stopbits 1

line vty 0 4

transport input ssh

line vty 5 15

transport input ssh

!

call-home

! If contact email address in call-home is configured as sch-smart-licensing@cisco.com

! the email address configured in Cisco Smart License Portal will be used as contact email address to send SCH notifications.

contact-email-addr sch-smart-licensing@cisco.com

profile "CiscoTAC-1"

active

destination transport-method http

!

!

!

!

!

!

netconf-yang

end

c9500-18#

c9500-18#

c9500-18#conf t

Enter configuration commands, one per line. End with CNTL/Z.

c9500-18(config)#vl

c9500-18(config)#vlan a

c9500-18(config)#vlan ?

WORD ISL VLAN IDs 1-4094

access-map Create vlan access-map or enter vlan access-map command mode

accounting VLAN accounting configuration

configuration vlan feature configuration mode

dot1q dot1q parameters

filter Apply a VLAN Map

group Create a vlan group

c9500-18(config)#end

c9500-18#

\*Oct 27 18:07:24.977 IST: %SYS-5-CONFIG\_I: Configured from console by console

c9500-18#