

## show history all

ACCESS#show history all

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Oct 31 15:47:50.703: %SPANTREE-5-EXTENDED\_SYSID: Extended SysId enabled for type vlanCisco IOSv () processor (revision 1.0) with 574713K/209920K bytes of memory.

\*Oct 31 15:47:55.369: %LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to reset  
\*Oct 31 15:47:55.370: %LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to reset  
\*Oct 31 15:47:55.370: %LINK-5-CHANGED: Interface GigabitEthernet0/2, changed state to reset  
\*Oct 31 15:47:55.371: %LINK-5-CHANGED: Interface GigabitEthernet0/3, changed state to reset  
\*Oct 31 15:47:55.371: %LINK-5-CHANGED: Interface GigabitEthernet1/0, changed state to reset  
\*Oct 31 15:47:55.372: %LINK-5-CHANGED: Interface GigabitEthernet1/1, changed state to reset  
\*Oct 31 15:47:55.372: %LINK-5-CHANGED: Interface GigabitEthernet1/2, changed state to reset  
\*Oct 31 15:47:55.373: %LINK-5-CHANGED: Interface GigabitEthernet1/3, changed state to reset  
\*Oct 31 15:47:55.373: %LINK-5-CHANGED: Interface GigabitEthernet2/0, changed state to reset  
\*Oct 31 15:47:55.374: %LINK-5-CHANGED: Interface GigabitEthernet2/1, changed state to reset  
\*Oct 31 15:47:55.374: %LINK-5-CHANGED: Interface GigabitEthernet2/2, changed state to reset  
\*Oct 31 15:47:55.375: %LINK-5-CHANGED: Interface GigabitEthernet2/3, changed state to reset  
\*Oct 31 15:47:55.375: %LINK-5-CHANGED: Interface GigabitEthernet3/0, changed state to reset  
\*Oct 31 15:47:55.376: %LINK-5-CHANGED: Interface GigabitEthernet3/1, changed state to reset  
\*Oct 31 15:47:55.376: %LINK-5-CHANGED: Interface GigabitEthernet3/2, changed state to reset  
\*Oct 31 15:47:55.377: %LINK-5-CHANGED: Interface GigabitEthernet3/3, changed state to reset

Processor board ID 9FBWHYDC8CP

16 Gigabit Ethernet interfaces

DRAM configuration is 72 bits wide with parity disabled.

256K bytes of non-volatile configuration memory.

2097152K bytes of ATA System CompactFlash 0 (Read/Write)

0K bytes of ATA CompactFlash 1 (Read/Write)

0K bytes of ATA CompactFlash 2 (Read/Write)

0K bytes of ATA CompactFlash 3 (Read/Write)

CMD: 'version 15.2' 15:47:55 UTC Sat Oct 31 2020

CMD: 'service timestamps debug datetime msec' 15:47:55 UTC Sat Oct 31 2020

CMD: 'service timestamps log datetime msec' 15:47:55 UTC Sat Oct 31 2020

CMD: 'no service password-encryption' 15:47:55 UTC Sat Oct 31 2020

CMD: 'service compress-config' 15:47:55 UTC Sat Oct 31 2020

CMD: 'hostname ACCESS' 15:47:55 UTC Sat Oct 31 2020

CMD: 'boot-start-marker' 15:47:55 UTC Sat Oct 31 2020

CMD: 'boot-end-marker' 15:47:55 UTC Sat Oct 31 2020

CMD: PASSWORD statement not printed

CMD: PASSWORD statement not printed

CMD: 'no aaa new-model' 15:47:55 UTC Sat Oct 31 2020

CMD: 'ip dhcp snooping vlan 1,10' 15:47:55 UTC Sat Oct 31 2020

CMD: 'ip dhcp snooping' 15:47:55 UTC Sat Oct 31 2020

CMD: 'ip domain-name F19.ICT' 15:47:55 UTC Sat Oct 31 2020

CMD: 'ip cef' 15:47:55 UTC Sat Oct 31 2020

CMD: 'no ipv6 cef' 15:47:55 UTC Sat Oct 31 2020

CMD: 'spanning-tree mode pvst' 15:47:55 UTC Sat Oct 31 2020

CMD: 'spanning-tree extend system-id' 15:47:55 UTC Sat Oct 31 2020

CMD: 'vlan internal allocation policy ascending' 15:47:55 UTC Sat Oct 31 2020

CMD: 'interface GigabitEthernet0/0' 15:47:55 UTC Sat Oct 31 2020

CMD: ' switchport trunk encapsulation dot1q' 15:47:55 UTC Sat Oct 31 2020

CMD: ' switchport mode trunk' 15:47:55 UTC Sat Oct 31 2020

CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020

CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020

CMD: ' ip dhcp snooping trust' 15:47:55 UTC Sat Oct 31 2020

CMD: 'interface GigabitEthernet0/1' 15:47:55 UTC Sat Oct 31 2020

CMD: ' switchport trunk encapsulation dot1q' 15:47:55 UTC Sat Oct 31 2020

CMD: ' switchport mode trunk' 15:47:55 UTC Sat Oct 31 2020

CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020

CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020

CMD: 'interface GigabitEthernet0/2' 15:47:55 UTC Sat Oct 31 2020

CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020

CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020

CMD: 'interface GigabitEthernet0/3' 15:47:55 UTC Sat Oct 31 2020

CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020

CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020

CMD: 'interface GigabitEthernet1/0' 15:47:55 UTC Sat Oct 31 2020

CMD: ' switchport mode access' 15:47:55 UTC Sat Oct 31 2020

CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020

CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020

CMD: 'interface GigabitEthernet1/1' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet1/2' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet1/3' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet2/0' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet2/1' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet2/2' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet2/3' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet3/0' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet3/1' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet3/2' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface GigabitEthernet3/3' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' media-type rj45' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' negotiation auto' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface Vlan1' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' ip address 192.168.133.120 255.255.255.0' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'interface Vlan30' 15:47:55 UTC Sat Oct 31 2020  
CMD: ' ip address 192.168.30.2 255.255.255.0' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'ip forward-protocol nd' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'no ip http server' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'no ip http secure-server' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'ip ssh version 2' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'control-plane' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'banner exec ^C' 15:47:55 UTC Sat Oct 31 2020  
CMD: 'banner incoming ^C' 15:47:55 UTC Sat Oct 31 2020

```
CMD: 'banner login ^C' 15:47:55 UTC Sat Oct 31 2020
CMD: 'line con 0' 15:47:55 UTC Sat Oct 31 2020
CMD: 'line aux 0' 15:47:55 UTC Sat Oct 31 2020
CMD: 'line vty 0 4' 15:47:55 UTC Sat Oct 31 2020
CMD: ' login local' 15:47:55 UTC Sat Oct 31 2020
CMD: 'end' 15:47:55 UTC Sat Oct 31 2020
*Oct 31 15:47:55.907: %SYS-5-CONFIG_I: Configured from memory by console
CMD: 'access-list 199 permit icmp host 10.10.10.10 host 20.20.20.20' 15:47:56 UTC Sat Oct 31 2020
CMD: 'no access-list 199' 15:47:56 UTC Sat Oct 31 2020
Oct 31 15:47:56.486: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0,
changed state to down
Oct 31 15:47:56.487: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1,
changed state to down
Oct 31 15:47:56.488: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2,
changed state to up
Oct 31 15:47:56.488: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/3,
changed state to up
Oct 31 15:47:56.489: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0,
changed state to up
Oct 31 15:47:56.489: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/1,
changed state to up
Oct 31 15:47:56.490: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/2,
changed state to up
Oct 31 15:47:56.490: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/3,
changed state to up
Oct 31 15:47:56.491: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/0,
changed state to up
Oct 31 15:47:56.491: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/1,
changed state to up
Oct 31 15:47:56.492: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/2,
changed state to up
Oct 31 15:47:56.492: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/3,
changed state to up
Oct 31 15:47:56.493: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/0,
changed state to up
Oct 31 15:47:56.494: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/1,
changed state to up
Oct 31 15:47:56.494: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/2,
changed state to up
Oct 31 15:47:56.495: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/3,
changed state to up
*Oct 31 15:47:56.900: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to down
Oct 31 15:47:56.900: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan30, changed state
to down
*Oct 31 15:47:57.728: %LINK-3-UPDOWN: Interface GigabitEthernet3/3, changed state to up
*Oct 31 15:47:57.730: %LINK-3-UPDOWN: Interface GigabitEthernet3/2, changed state to down
*Oct 31 15:47:57.730: %LINK-3-UPDOWN: Interface GigabitEthernet3/1, changed state to down
*Oct 31 15:47:57.731: %LINK-3-UPDOWN: Interface GigabitEthernet3/0, changed state to down
*Oct 31 15:47:57.732: %LINK-3-UPDOWN: Interface GigabitEthernet2/3, changed state to down
*Oct 31 15:47:57.732: %LINK-3-UPDOWN: Interface GigabitEthernet2/2, changed state to down
*Oct 31 15:47:57.733: %LINK-3-UPDOWN: Interface GigabitEthernet2/1, changed state to down
*Oct 31 15:47:57.734: %LINK-3-UPDOWN: Interface GigabitEthernet2/0, changed state to down
*Oct 31 15:47:57.734: %LINK-3-UPDOWN: Interface GigabitEthernet1/3, changed state to down
```

\*Oct 31 15:47:57.735: %LINK-3-UPDOWN: Interface GigabitEthernet1/2, changed state to down  
\*Oct 31 15:47:57.736: %LINK-3-UPDOWN: Interface GigabitEthernet1/1, changed state to down  
\*Oct 31 15:47:57.736: %LINK-3-UPDOWN: Interface GigabitEthernet1/0, changed state to down  
\*Oct 31 15:47:57.737: %LINK-3-UPDOWN: Interface GigabitEthernet0/3, changed state to down  
\*Oct 31 15:47:57.740: %LINK-3-UPDOWN: Interface GigabitEthernet0/2, changed state to down  
\*Oct 31 15:47:57.741: %LINK-3-UPDOWN: Interface GigabitEthernet0/1, changed state to up  
\*Oct 31 15:47:57.742: %LINK-3-UPDOWN: Interface GigabitEthernet0/0, changed state to up  
Oct 31 15:47:58.776: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/2, changed state to down  
Oct 31 15:47:58.777: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/1, changed state to down  
Oct 31 15:47:58.778: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/0, changed state to down  
Oct 31 15:47:58.778: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/3, changed state to down  
Oct 31 15:47:58.779: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/2, changed state to down  
Oct 31 15:47:58.779: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/1, changed state to down  
Oct 31 15:47:58.780: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/0, changed state to down  
Oct 31 15:47:58.781: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/3, changed state to down  
Oct 31 15:47:58.781: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/2, changed state to down  
Oct 31 15:47:58.782: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/1, changed state to down  
Oct 31 15:47:58.783: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0, changed state to down  
Oct 31 15:47:58.783: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/3, changed state to down  
Oct 31 15:47:58.784: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed state to down  
Oct 31 15:47:58.785: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up  
Oct 31 15:47:58.785: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to up  
\*Oct 31 15:48:04.410: %SYS-5-RESTART: System restarted --  
Cisco IOS Software, vios\_l2 Software (vios\_l2-ADVENTERPRISEK9-M), Experimental Version 15.2(20170321:233949) [mmen 101]  
Copyright (c) 1986-2017 by Cisco Systems, Inc.  
Compiled Wed 22-Mar-17 08:38 by mmen  
\*Oct 31 15:48:04.462: %SSH-5-ENABLED: SSH 2.0 has been enabled  
MD: 'parameter-map type subscriber attribute-to-service BUILTIN\_DEVICE\_TO\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020  
CMD: '10 map device-type regex "Cisco-IP-Phone"' 15:48:04 UTC Sat Oct 31 2020  
CMD: '20 interface-template IP\_PHONE\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020  
CMD: '20 map device-type regex "Cisco-IP-Camera"' 15:48:04 UTC Sat Oct 31 2020  
CMD: '20 interface-template IP\_CAMERA\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020  
CMD: '30 map device-type regex "Cisco-DMP"' 15:48:04 UTC Sat Oct 31 2020  
CMD: '20 interface-template DMP\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020  
CMD: '40 map oui eq 00.0f.44' 15:48:04 UTC Sat Oct 31 2020

CMD: '20 interface-template DMP\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: '50 map oui eq 00.23.ac' 15:48:04 UTC Sat Oct 31 2020

CMD: '20 interface-template DMP\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: '60 map device-type regex "Cisco-AIR-AP"' 15:48:04 UTC Sat Oct 31 2020

CMD: '20 interface-template AP\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: '70 map device-type regex "Cisco-AIR-LAP"' 15:48:04 UTC Sat Oct 31 2020

CMD: '20 interface-template LAP\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: '80 map device-type regex "Cisco-TelePresence"' 15:48:04 UTC Sat Oct 31 2020

CMD: '20 interface-template TP\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: '90 map device-type regex "Surveillance-Camera"' 15:48:04 UTC Sat Oct 31 2020

CMD: '10 interface-template MSP\_CAMERA\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: '100 map device-type regex "Video-Conference"' 15:48:04 UTC Sat Oct 31 2020

CMD: '10 interface-template MSP\_VC\_INTERFACE\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: 'policy-map type control subscriber BUILTIN\_AUTOCONF\_POLICY' 15:48:04 UTC Sat Oct 31 2020

CMD: 'event identity-update match-all' 15:48:04 UTC Sat Oct 31 2020

CMD: '10 class always do-until-failure' 15:48:04 UTC Sat Oct 31 2020

CMD: '10 map attribute-to-service table BUILTIN\_DEVICE\_TO\_TEMPLATE' 15:48:04 UTC Sat Oct 31 2020

CMD: 'ip access-list extended preauth\_ipv4\_acl' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit udp any any eq 53' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit tcp any any eq 53' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit udp any eq bootps any' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit udp any any eq bootpc' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit udp any eq bootpc any' 15:48:04 UTC Sat Oct 31 2020

CMD: 'deny ip any any' 15:48:04 UTC Sat Oct 31 2020

CMD: 'end' 15:48:04 UTC Sat Oct 31 2020

CMD: 'ipv6 access-list preauth\_ipv6\_acl' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit udp any any eq 53' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit tcp any any eq 53' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit icmp any any nd-ns' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit icmp any any nd-na' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit icmp any any router-solicitation' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit icmp any any router-advertisement' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit icmp any any redirect' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit udp any eq 547 any eq 546' 15:48:04 UTC Sat Oct 31 2020

CMD: 'permit udp any eq 546 any eq 547' 15:48:04 UTC Sat Oct 31 2020

CMD: 'deny ip any any' 15:48:04 UTC Sat Oct 31 2020

CMD: 'end' 15:48:04 UTC Sat Oct 31 2020

Oct 31 15:48:17.797: %PLATFORM-5-SIGNATURE\_VERIFIED: Image 'flash0:/vios\_l2-adventerprise k9-m' passed code signing verification

\*Oct 31 15:48:36.644: %LINK-3-UPDOWN: Interface Vlan30, changed state to up

\*Oct 31 15:48:37.647: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan30, changed state to up

Oct 31 16:01:33.557: %DHCP\_SNOOPING-5-DHCP\_SNOOPING\_UNTRUSTED\_PORT: DHCP\_SNOOPING drop message on untrusted port, message type: DHCPACK, MAC sa: 0050.56f0.b0c1

Oct 31 16:16:21.073: %DHCP\_SNOOPING-5-DHCP\_SNOOPING\_UNTRUSTED\_PORT: DHCP\_SNOOPING drop message on untrusted port, message type: DHCPACK, MAC sa: 0050.56f0.b0c1

CMD: 'terminal length 0' 16:21:10 UTC Sat Oct 31 2020

CMD: 'enable ' 16:21:10 UTC Sat Oct 31 2020

CMD: 'show history all ' 16:21:11 UTC Sat Oct 31 2020

ACCESS#

## show clock detail

show clock detail

\*16:21:16.717 UTC Sat Oct 31 2020

Time source is hardware calendar

ACCESS#

## show startup-config

show startup-config

Using 1876 out of 262144 bytes, uncompressed size = 3966 bytes

!

! Last configuration change at 10:48:15 UTC Wed Oct 28 2020

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

no service password-encryption

service compress-config

!

hostname ACCESS

!

boot-start-marker

boot-end-marker

!

!

enable secret 5 \$1\$nVWs\$e81YoD3WmZ7ePZygzgwsK9/

!

username cisco password 0 cisco

no aaa new-model

!

!

!

!

!

!

!

!

ip dhcp snooping vlan 1,10

ip dhcp snooping

ip domain-name F19.ICT

ip cef

```
no ipv6 cef
!
!
!
spanning-tree mode pvst
spanning-tree extend system-id
!
vlan internal allocation policy ascending
!
!
!
!
!
!
!
!
!
!
!
!
!
interface GigabitEthernet0/0
    switchport trunk encapsulation dot1q
    switchport mode trunk
    media-type rj45
    negotiation auto
    ip dhcp snooping trust
!
interface GigabitEthernet0/1
    switchport trunk encapsulation dot1q
    switchport mode trunk
    media-type rj45
    negotiation auto
!
interface GigabitEthernet0/2
    media-type rj45
    negotiation auto
!
interface GigabitEthernet0/3
    media-type rj45
    negotiation auto
!
interface GigabitEthernet1/0
```



```
switchport mode access
media-type rj45
negotiation auto
!
interface GigabitEthernet1/1
media-type rj45
negotiation auto
!
interface GigabitEthernet1/2
media-type rj45
negotiation auto
!
interface GigabitEthernet1/3
media-type rj45
negotiation auto
!
interface GigabitEthernet2/0
media-type rj45
negotiation auto
!
interface GigabitEthernet2/1
media-type rj45
negotiation auto
!
interface GigabitEthernet2/2
media-type rj45
negotiation auto
!
interface GigabitEthernet2/3
media-type rj45
negotiation auto
!
interface GigabitEthernet3/0
media-type rj45
negotiation auto
!
interface GigabitEthernet3/1
media-type rj45
negotiation auto
!
interface GigabitEthernet3/2
media-type rj45
negotiation auto
!
```

```

interface GigabitEthernet3/3
    media-type rj45
    negotiation auto
!
interface Vlan1
    ip address 192.168.133.120 255.255.255.0
!
interface Vlan30
    ip address 192.168.30.2 255.255.255.0
!
ip forward-protocol nd
!
no ip http server
no ip http secure-server
!
ip ssh version 2
!
!
!
!
!
control-plane
!
banner exec ^C
*****
* IOSv is strictly limited to use for evaluation, demonstration and IOS *
* education. IOSv is provided as-is and is not supported by Cisco's *
* Technical Advisory Center. Any use or disclosure, in whole or in part, *
* of the IOSv Software or Documentation to any third party for any *
* purposes is expressly prohibited except as otherwise authorized by *
* Cisco in writing. *
*****^C
banner incoming ^C
*****
* IOSv is strictly limited to use for evaluation, demonstration and IOS *
* education. IOSv is provided as-is and is not supported by Cisco's *
* Technical Advisory Center. Any use or disclosure, in whole or in part, *
* of the IOSv Software or Documentation to any third party for any *
* purposes is expressly prohibited except as otherwise authorized by *
* Cisco in writing. *
*****^C
banner login ^C
*****
* IOSv is strictly limited to use for evaluation, demonstration and IOS *

```

```
* education. IOSv is provided as-is and is not supported by Cisco's      *
* Technical Advisory Center. Any use or disclosure, in whole or in part, *
* of the IOSv Software or Documentation to any third party for any       *
* purposes is expressly prohibited except as otherwise authorized by     *
* Cisco in writing.                                                        *
*****^C
```

```
!
line con 0
line aux 0
line vty 0 4
  login local
!
!
end
```

ACCESS#

## show reload

```
show reload
No reload is scheduled.
ACCESS#
```

## show ip route

```
show ip route
Codes: L - local, C - connected, S - static, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2
       i - IS-IS, su - IS-IS summary, L1 - IS-IS level-1, L2 - IS-IS level-2
       ia - IS-IS inter area, * - candidate default, U - per-user static route
       o - ODR, P - periodic downloaded static route, H - NHRP, l - LISP
       a - application route
       + - replicated route, % - next hop override
```

Gateway of last resort is not set

```
192.168.30.0/24 is variably subnetted, 2 subnets, 2 masks
C      192.168.30.0/24 is directly connected, Vlan30
L      192.168.30.2/32 is directly connected, Vlan30
192.168.133.0/24 is variably subnetted, 2 subnets, 2 masks
C      192.168.133.0/24 is directly connected, Vlan1
L      192.168.133.120/32 is directly connected, Vlan1
ACCESS#
```

## show cdp nei detail

```
show cdp nei detail
```

```
Total cdp entries displayed : 0
```

```
ACCESS#
```

## show ip arp

```
show ip arp
```

Protocol	Address	Age (min)	Hardware Addr	Type	Interface
Internet	192.168.30.2	-	0cac.9a86.801e	ARPA	Vlan30
Internet	192.168.133.1	0	0050.56c0.0008	ARPA	Vlan1
Internet	192.168.133.2	5	0050.56fe.d016	ARPA	Vlan1
Internet	192.168.133.120	-	0cac.9a86.8001	ARPA	Vlan1
Internet	192.168.133.128	5	000c.29a4.5d6e	ARPA	Vlan1
Internet	192.168.133.254	5	0050.56f0.b0c1	ARPA	Vlan1

```
ACCESS#
```

## show ip interface

```
show ip interface
```

```
GigabitEthernet0/0 is up, line protocol is up
```

```
    Inbound access list is not set
```

```
GigabitEthernet0/1 is up, line protocol is up
```

```
    Inbound access list is not set
```

```
GigabitEthernet0/2 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet0/3 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet1/0 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet1/1 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet1/2 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet1/3 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet2/0 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet2/1 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet2/2 is down, line protocol is down
```

```
    Inbound access list is not set
```

```
GigabitEthernet2/3 is down, line protocol is down
```

```
    Inbound access list is not set
```

GigabitEthernet3/0 is down, line protocol is down  
Inbound access list is not set

GigabitEthernet3/1 is down, line protocol is down  
Inbound access list is not set

GigabitEthernet3/2 is down, line protocol is down  
Inbound access list is not set

GigabitEthernet3/3 is up, line protocol is up  
Inbound access list is not set

Vlan1 is up, line protocol is up  
Internet address is 192.168.133.120/24  
Broadcast address is 255.255.255.255  
Address determined by non-volatile memory  
MTU is 1500 bytes  
Helper address is not set  
Directed broadcast forwarding is disabled  
Outgoing access list is not set  
Inbound access list is not set  
Proxy ARP is enabled  
Local Proxy ARP is disabled  
Security level is default  
Split horizon is enabled  
ICMP redirects are always sent  
ICMP unreachable are always sent  
ICMP mask replies are never sent  
IP fast switching is enabled  
IP Flow switching is disabled  
IP CEF switching is enabled  
IP CEF switching turbo vector  
IP Null turbo vector  
IP multicast fast switching is enabled  
IP multicast distributed fast switching is disabled  
IP route-cache flags are Fast, CEF  
Router Discovery is disabled  
IP output packet accounting is disabled  
IP access violation accounting is disabled  
TCP/IP header compression is disabled  
RTP/IP header compression is disabled  
Probe proxy name replies are disabled  
Policy routing is disabled  
Network address translation is disabled  
BGP Policy Mapping is disabled  
Input features: MCI Check  
IPv4 WCCP Redirect outbound is disabled  
IPv4 WCCP Redirect inbound is disabled

```
IPv4 WCCP Redirect exclude is disabled
Vlan30 is up, line protocol is up
Internet address is 192.168.30.2/24
Broadcast address is 255.255.255.255
Address determined by non-volatile memory
MTU is 1500 bytes
Helper address is not set
Directed broadcast forwarding is disabled
Outgoing access list is not set
Inbound access list is not set
Proxy ARP is enabled
Local Proxy ARP is disabled
Security level is default
Split horizon is enabled
ICMP redirects are always sent
ICMP unreachable are always sent
ICMP mask replies are never sent
IP fast switching is enabled
IP Flow switching is disabled
IP CEF switching is enabled
IP CEF switching turbo vector
IP Null turbo vector
IP multicast fast switching is enabled
IP multicast distributed fast switching is disabled
IP route-cache flags are Fast, CEF
Router Discovery is disabled
IP output packet accounting is disabled
IP access violation accounting is disabled
TCP/IP header compression is disabled
RTP/IP header compression is disabled
Probe proxy name replies are disabled
Policy routing is disabled
Network address translation is disabled
BGP Policy Mapping is disabled
Input features: MCI Check
IPv4 WCCP Redirect outbound is disabled
IPv4 WCCP Redirect inbound is disabled
IPv4 WCCP Redirect exclude is disabled
ACCESS#
```

## show ip int brief

```
show ip int brief
```

Interface	IP-Address	OK?	Method	Status	Protocol
GigabitEthernet0/0	unassigned	YES	unset	up	up

GigabitEthernet0/1	unassigned	YES	unset	up	up
GigabitEthernet0/2	unassigned	YES	unset	down	down
GigabitEthernet0/3	unassigned	YES	unset	down	down
GigabitEthernet1/0	unassigned	YES	unset	down	down
GigabitEthernet1/1	unassigned	YES	unset	down	down
GigabitEthernet1/2	unassigned	YES	unset	down	down
GigabitEthernet1/3	unassigned	YES	unset	down	down
GigabitEthernet2/0	unassigned	YES	unset	down	down
GigabitEthernet2/1	unassigned	YES	unset	down	down
GigabitEthernet2/2	unassigned	YES	unset	down	down
GigabitEthernet2/3	unassigned	YES	unset	down	down
GigabitEthernet3/0	unassigned	YES	unset	down	down
GigabitEthernet3/1	unassigned	YES	unset	down	down
GigabitEthernet3/2	unassigned	YES	unset	down	down
GigabitEthernet3/3	unassigned	YES	unset	up	up
Vlan1	192.168.133.120	YES	NVRAM	up	up
Vlan30	192.168.30.2	YES	NVRAM	up	up

ACCESS#

## show tcp brief all

```
show tcp brief all
```

## show sockets

TCB	Local Address	Foreign Address	(state)
1807E560	192.168.133.120.22	192.168.133.1.3892	ESTAB

ACCESS#

## show ip cache flow

```
show sockets
```

PID	TCP	UDP	SCTP
64	0	0	0
65	0	0	0
66	0	0	0
85	0	0	0
86	0	0	0
87	0	0	0
119	0	0	0
120	0	0	0
135	0	0	0
170	0	0	0
171	0	1	0
205	0	0	0
206	0	0	0

207	0	0	0
215	0	0	0
219	0	0	0
239	0	0	0
251	0	0	0
252	0	0	0
253	0	0	0
257	0	0	0
258	0	0	0
260	0	0	0
261	0	0	0
262	0	0	0
263	0	0	0
264	0	0	0
265	0	0	0
267	0	0	0
268	0	0	0
269	0	0	0
270	0	0	0
271	0	0	0
272	0	0	0
273	0	0	0
274	0	0	0
275	0	0	0
276	0	0	0
277	0	0	0
279	0	0	0
283	0	0	0

ACCESS#show ip cache flow

IP packet size distribution (0 total packets):

1-32	64	96	128	160	192	224	256	288	320	352	384	416	448	480
.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
512	544	576	1024	1536	2048	2560	3072	3584	4096	4608				
.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000				

IP Flow Switching Cache, 0 bytes

0 active, 0 inactive, 0 added

0 ager polls, 0 flow alloc failures

Active flows timeout in 30 minutes

Inactive flows timeout in 15 seconds

last clearing of statistics never

Protocol	Total	Flows	Packets	Bytes	Packets	Active(Sec)	Idle(Sec)
-----	Flows	/Sec	/Flow	/Pkt	/Sec	/Flow	/Flow



SrcIf	SrcIPAddress	DstIf	DstIPAddress	Pr	SrcP	DstP	Pkts
-------	--------------	-------	--------------	----	------	------	------

ACCESS#

## show ip cef

show ip cef

Prefix	Next Hop	Interface
0.0.0.0/0	no route	
0.0.0.0/8	drop	
0.0.0.0/32	receive	
127.0.0.0/8	drop	
192.168.30.0/24	attached	Vlan30
192.168.30.0/32	receive	Vlan30
192.168.30.2/32	receive	Vlan30
192.168.30.255/32	receive	Vlan30
192.168.133.0/24	attached	Vlan1
192.168.133.0/32	receive	Vlan1
192.168.133.1/32	attached	Vlan1
192.168.133.2/32	attached	Vlan1
192.168.133.120/32	receive	Vlan1
192.168.133.128/32	attached	Vlan1
192.168.133.254/32	attached	Vlan1
192.168.133.255/32	receive	Vlan1
224.0.0.0/4	drop	
224.0.0.0/24	receive	
240.0.0.0/4	drop	
255.255.255.255/32	receive	

ACCESS#

## show logging

show logging

yslog logging: enabled (0 messages dropped, 21 messages rate-limited, 0 flushes, 0 overruns, xml disabled, filtering disabled)

No Active Message Discriminator.

No Inactive Message Discriminator.

Console logging: level debugging, 55 messages logged, xml disabled, filtering disabled

Monitor logging: level debugging, 0 messages logged, xml disabled, filtering disabled

Buffer logging: level debugging, 76 messages logged, xml disabled,  
filtering disabled

Exception Logging: size (8192 bytes)

Count and timestamp logging messages: disabled

Persistent logging: disabled

Trap logging: level informational, 79 message lines logged

Logging Source-Interface: VRF Name:

Log Buffer (8192 bytes):

\*Mar 1 00:00:01.409: %ATA-6-DEV\_FOUND: device 0x1F0

Mar 1 00:00:01.503: %NVRAM-5-CONFIG\_NVRAM\_READ\_OK: NVRAM configuration 'flash:/nvram' was read from disk.

\*Oct 31 15:47:50.703: %SPANTREE-5-EXTENDED\_SYSID: Extended SysId enabled for type vlan

\*Oct 31 15:47:55.369: %LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to reset

\*Oct 31 15:47:55.370: %LINK-5-CHANGED: Interface GigabitEthernet0/1, changed state to reset

\*Oct 31 15:47:55.370: %LINK-5-CHANGED: Interface GigabitEthernet0/2, changed state to reset

\*Oct 31 15:47:55.371: %LINK-5-CHANGED: Interface GigabitEthernet0/3, changed state to reset

\*Oct 31 15:47:55.371: %LINK-5-CHANGED: Interface GigabitEthernet1/0, changed state to reset

\*Oct 31 15:47:55.372: %LINK-5-CHANGED: Interface GigabitEthernet1/1, changed state to reset

\*Oct 31 15:47:55.372: %LINK-5-CHANGED: Interface GigabitEthernet1/2, changed state to reset

\*Oct 31 15:47:55.373: %LINK-5-CHANGED: Interface GigabitEthernet1/3, changed state to reset

\*Oct 31 15:47:55.373: %LINK-5-CHANGED: Interface GigabitEthernet2/0, changed state to reset

\*Oct 31 15:47:55.374: %LINK-5-CHANGED: Interface GigabitEthernet2/1, changed state to reset

\*Oct 31 15:47:55.374: %LINK-5-CHANGED: Interface GigabitEthernet2/2, changed state to reset

\*Oct 31 15:47:55.375: %LINK-5-CHANGED: Interface GigabitEthernet2/3, changed state to reset

\*Oct 31 15:47:55.375: %LINK-5-CHANGED: Interface GigabitEthernet3/0, changed state to reset

\*Oct 31 15:47:55.376: %LINK-5-CHANGED: Interface GigabitEthernet3/1, changed state to reset

\*Oct 31 15:47:55.376: %LINK-5-CHANGED: Interface GigabitEthernet3/2, changed state to reset

\*Oct 31 15:47:55.377: %LINK-5-CHANGED: Interface GigabitEthernet3/3, changed state to reset

\*Oct 31 15:47:55.907: %SYS-5-CONFIG\_I: Configured from memory by console

Oct 31 15:47:56.486: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0, changed state to down

Oct 31 15:47:56.487: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to down

Oct 31 15:47:56.488: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2, changed state to up

Oct 31 15:47:56.488: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/3, changed state to up

Oct 31 15:47:56.489: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0, changed state to up

Oct 31 15:47:56.489: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/1, changed state to up

Oct 31 15:47:56.490: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/2, changed state to up

Oct 31 15:47:56.490: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/3, changed state to up

Oct 31 15:47:56.491: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/0, changed state to up

Oct 31 15:47:56.491: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/1, changed state to up

Oct 31 15:47:56.492: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/2, changed state to up

Oct 31 15:47:56.492: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/3, changed state to up

Oct 31 15:47:56.493: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/0, changed state to up

Oct 31 15:47:56.494: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/1, changed state to up

Oct 31 15:47:56.494: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/2, changed state to up

Oct 31 15:47:56.495: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/3, changed state to up

\*Oct 31 15:47:56.900: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan1, changed state to down

Oct 31 15:47:56.900: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan30, changed state to down

\*Oct 31 15:47:57.728: %LINK-3-UPDOWN: Interface GigabitEthernet3/3, changed state to up

\*Oct 31 15:47:57.730: %LINK-3-UPDOWN: Interface GigabitEthernet3/2, changed state to down

\*Oct 31 15:47:57.730: %LINK-3-UPDOWN: Interface GigabitEthernet3/1, changed state to down

\*Oct 31 15:47:57.731: %LINK-3-UPDOWN: Interface GigabitEthernet3/0, changed state to down

\*Oct 31 15:47:57.732: %LINK-3-UPDOWN: Interface GigabitEthernet2/3, changed state to down

\*Oct 31 15:47:57.732: %LINK-3-UPDOWN: Interface GigabitEthernet2/2, changed state to down

\*Oct 31 15:47:57.733: %LINK-3-UPDOWN: Interface GigabitEthernet2/1, changed state to down

\*Oct 31 15:47:57.734: %LINK-3-UPDOWN: Interface GigabitEthernet2/0, changed state to down

\*Oct 31 15:47:57.734: %LINK-3-UPDOWN: Interface GigabitEthernet1/3, changed state to down

\*Oct 31 15:47:57.735: %LINK-3-UPDOWN: Interface GigabitEthernet1/2, changed state to down

\*Oct 31 15:47:57.736: %LINK-3-UPDOWN: Interface GigabitEthernet1/1, changed state to down

\*Oct 31 15:47:57.736: %LINK-3-UPDOWN: Interface GigabitEthernet1/0, changed state to down

\*Oct 31 15:47:57.737: %LINK-3-UPDOWN: Interface GigabitEthernet0/3, changed state to down

\*Oct 31 15:47:57.740: %LINK-3-UPDOWN: Interface GigabitEthernet0/2, changed state to down

\*Oct 31 15:47:57.741: %LINK-3-UPDOWN: Interface GigabitEthernet0/1, changed state to up

\*Oct 31 15:47:57.742: %LINK-3-UPDOWN: Interface GigabitEthernet0/0, changed state to up

Oct 31 15:47:58.776: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/2, changed state to down

Oct 31 15:47:58.777: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/1, changed state to down

Oct 31 15:47:58.778: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet3/0, changed state to down

Oct 31 15:47:58.778: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/3, changed state to down

Oct 31 15:47:58.779: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/2, changed state to down

Oct 31 15:47:58.779: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/1, changed state to down

Oct 31 15:47:58.780: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/0, changed state to down

Oct 31 15:47:58.781: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/3, changed state to down

Oct 31 15:47:58.781: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/2, changed state to down

Oct 31 15:47:58.782: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/1, changed state to down

```

Oct 31 15:47:58.783: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0,
changed state to down

Oct 31 15:47:58.783: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/3,
changed state to down

Oct 31 15:47:58.784: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/2,
changed state to down

Oct 31 15:47:58.785: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1,
changed state to up

Oct 31 15:47:58.785: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/0,
changed state to up

*Oct 31 15:48:04.410: %SYS-5-RESTART: System restarted --

Cisco IOS Software, vios_l2 Software (vios_l2-ADVENTERPRISEK9-M), Experimental Version 15.
2(20170321:233949) [mmen 101]

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Compiled Wed 22-Mar-17 08:38 by mmen

*Oct 31 15:48:04.462: %SSH-5-ENABLED: SSH 2.0 has been enabled

Oct 31 15:48:17.797: %PLATFORM-5-SIGNATURE_VERIFIED: Image 'flash0:/vios_l2-adventerprise
k9-m' passed code signing verification

*Oct 31 15:48:36.644: %LINK-3-UPDOWN: Interface Vlan30, changed state to up

*Oct 31 15:48:37.647: %LINEPROTO-5-UPDOWN: Line protocol on Interface Vlan30, changed state to up

Oct 31 16:01:33.557: %DHCP_SNOOPING-5-DHCP_SNOOPING_UNTRUSTED_PORT: DHCP_SNOOPING drop me
ssage on untrusted port, message type: DHCPACK, MAC sa: 0050.56f0.b0c1

Oct 31 16:16:21.073: %DHCP_SNOOPING-5-DHCP_SNOOPING_UNTRUSTED_PORT: DHCP_SNOOPING drop me
ssage on untrusted port, message type: DHCPACK, MAC sa: 0050.56f0.b0c1

ACCESS#

```

## show processes

show processes

CPU utilization for five seconds: 16%/0%; one minute: 16%; five minutes: 16%

PID	QTy	PC	Runtime (ms)	Invoked	uSecs	Stacks	TTY	Process
1	Cwe	3491DAD	0	6	0	11044/12000		Chunk Manager
2	Csp	87B2ED	41	414	99	5364/6000		Load Meter
4	Lst	34AD59B	336	277	1212	11236/12000		Check heaps
5	Cwe	34B4225	43	69	623	11300/12000		Pool Manager
6	Mwe	34B4004	0	1	0	11476/12000		DiscardQ Backgro
7	Mst	1CE2874	1	2	500	11316/12000		Timers
8	Mwe	1D2CF47	4	22	181	5676/6000		WATCH_AFS
9	Hwe	8DB768	0	2	0	11508/12000		IOSv out console
10	Hsi	8DB8A7	4192	22326	187	9892/12000		IOSv in console
11	Mwe	7B5835	0	1	0	31364/32000		Crash writer
12	Mwe	7B5F01	0	1	0	11220/12000		Exception contro
13	Mwe	F46208	0	1	0	11668/12000		IFS Agent Manage
14	Mwe	17F54EC	20	17	1176	9820/12000		ARP Input
15	Mwe	17F0A0E	694	2167	320	10116/12000		ARP Background
16	Lwe	1B9F5D2	0	1	0	11492/12000		CEF MIB API
17	Lwe	1CCA985	1	1	1000	11732/12000		AAA_SERVER_DEADT
18	Mwe	1DFC47C	0	1	0	23428/24000		Policy Manager
19	Mwe	1EA42DD	2	2	1000	11268/12000		DDR Timers

20	Mwe	1EC715F	0	2	0	23300/24000	Dialer event
21	Lwe	1F473DC	0	1	0	11460/12000	Entity MIB API
22	Mwe	2220253	37	416	88	11492/12000	IPC Event Notifi
23	Mwe	22582B7	214	2021	105	11628/12000	IPC Mcast Pendin
24	Mwe	224824F	6	35	171	11708/12000	IPC Dynamic Cach
25	Mwe	225041B	0	1	0	11508/12000	IPC Session Serv
26	Mwe	2248D3F	0	1	0	11492/12000	IPC Zone Manager
27	Mwe	2248310	244	2021	120	11612/12000	IPC Periodic Tim
28	Mwe	224ECA6	164	2021	81	11428/12000	IPC Deferred Por
29	Mwe	224841D	0	1	0	11508/12000	IPC Process leve
30	Mwe	2248589	1	1	1000	11380/12000	IPC Seat Manager
31	Mwe	2213350	7	119	58	11564/12000	IPC Check Queue
32	Mwe	2248B8E	0	1	0	11476/12000	IPC Seat RX Cont
33	Mwe	2248C8E	0	1	0	11476/12000	IPC Seat TX Cont
34	Mwe	22491CF	30	209	143	11628/12000	IPC Keep Alive M
35	Hsi	224DDBE	56	416	134	11612/12000	IPC Loadometer
36	Mwe	224DDFB	0	1	0	11476/12000	IPC Session Deta
37	Mst	2E3D0E8	2	3	666	11300/12000	PrstVbl
38	Mwe	31571EF	0	2	0	11284/12000	Serial Backgroun
39	Mwe	10A69EC	0	2	0	10660/12000	ARP Snoop
40	Mwe	10A9CAD	564	2060	273	11468/12000	Dynamic ARP Insp
41	Lwe	146AE5B	80	18	4444	9452/12000	crypto sw pk pro
42	Msp	1D9580D	127	2066	61	11364/12000	GraphIt
43	Mwe	315F2D3	0	1	0	11508/12000	SERIAL A'detect
44	Mwe	8B92B9	0	1	0	5508/6000	Inode Table Dest
45	Mwe	89B90D	0	1	0	5508/6000	dev_device_inser
46	Mwe	89B9CD	0	1	0	5508/6000	dev_device_remov
47	M*	0	1033	421	2453	19420/24000	SSH Process
48	Mwe	8C0506	0	1	0	5348/6000	Async write proc
49	Mwe	8C0506	0	1	0	5348/6000	Async write proc
50	Mwe	8C0506	1	1	1000	5348/6000	Async write proc
51	Msi	8B972E	1	35	28	5676/6000	DFS flush period
52	Cwe	34C4509	1	1	1000	11508/12000	Critical Bkgnd
53	Mwe	7EA418	93	219	424	22292/24000	Net Background
54	Mwe	7EA724	5	2	2500	23332/24000	IDB Work
55	Lwe	1DDB504	13	14	928	22412/24000	Logger
56	Mwe	1CEA281	1077	2049	525	10436/12000	TTY Background
57	Mwe	455B15	22	3	7333	10724/12000	IF-MGR control p
58	Mwe	4616B2	5	5	1000	11460/12000	IF-MGR event pro
59	Mwe	F23EBC	0	1	0	11716/12000	AggMgr Process
60	Mst	261CCA5	0	1	0	11724/12000	Transport Port A
61	Mwe	A77963	127	416	305	10444/12000	HC Counter Timer
62	Hsi	8F22CF	189476	88618	2138	9892/12000	IOSv e1000
63	Lwe	15CB845	0	1	0	11412/12000	Src Fltr backgro

64	Mwe	36EC0A2	16	4	4000	13796/16000	EEM ED Identity
65	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED MAT
66	Mwe	36EC0A2	9	19	473	13796/16000	EEM ED ND
67	Hwe	7F8D2C	7	30	233	11492/12000	Net Input
68	Msp	7CBB40	387	418	925	11348/12000	Compute load avg
69	Msp	7EA1DA	110	103	1067	10492/12000	Per-minute Jobs
70	Msp	7EA16A	17637	2084	8463	13816/16000	Per-Second Jobs
71	Msp	8C9DA3	25	415	60	11676/12000	Rate limit load
72	Hwe	14C3B1	1	2	500	23348/24000	Ethernet CFM
73	Hwe	14CB63	535	10600	50	23332/24000	Ethernet Timer C
74	Hwe	14CC03	13665	238229	57	21876/24000	Ethernet Msec Ti
75	Mwe	1B3F02	1	2	500	23348/24000	Ethernet CFM IOU
76	Mwe	2ABDEB	1	2	500	11332/12000	Dot1x Mgr Proces
77	Mwe	2C1CE2	0	1	0	11744/12000	EAP Framework
78	Mwe	2CA1AD	0	1	0	11712/12000	EAP Test
79	Mwe	356D2E	1	4	250	11092/12000	AAA Server
80	Mwe	351EA2	0	1	0	11728/12000	AAA ACCT Proc
81	Mwe	35214F	0	1	0	11300/12000	ACCT Periodic Pr
82	Mwe	36781D	0	1	0	11500/12000	AAA System Acct
83	Mwe	3C7F27	1	2	500	11348/12000	EFP Errd
84	Mwe	3D57EB	0	2	0	23348/24000	Ethernet LMI
85	Mwe	36EC0A2	765	2059	371	10500/12000	FHRP Main thread
86	Mwe	36EC0A2	1	1	1000	10500/12000	VRRP Main thread
87	Mwe	36EC0A2	8616	31880	270	10092/12000	VRRS Main thread
89	Mwe	652D2E	783	2061	379	6596/12000	mDNS
90	Mwe	7607FC	0	1	0	23792/24000	SSS Manager
91	Mwe	773AD5	0	1	0	11508/12000	SSS Feature Mana
92	Mwe	775163	543	8096	67	11644/12000	SSS Feature Time
93	Mwe	942C64	2	2	1000	15348/16000	Ethernet OAM Pro
94	Mwe	A477FE	0	1	0	11492/12000	AC Switch
95	Mwe	A856FD	4	6	666	23300/24000	SSM connection m
96	Mwe	B91EB6	2	2	1000	11348/12000	OCE punted Pkts
97	Cwe	CFD404	0	1	0	11744/12000	LSP Tunnel FRR
98	Mwe	D00310	0	1	0	15652/16000	MPLS Auto-Tunnel
99	Mwe	D32AAD	0	1	0	11428/12000	O-UNI Client Msg
100	Mwe	F2D5F0	6	20	300	9348/12000	DHCP Snooping
101	Mwe	F3296C	0	1	0	11636/12000	DHCP Snooping db
102	Mwe	F9EAFc	2	3	666	11316/12000	802.1x switch
103	Mwe	FA57CD	781	332	2352	8756/12000	DTP Protocol
104	Mwe	FCCA41	420	2052	204	11284/12000	PI MATM Aging Pr
105	Mwe	1079F2E	2	35	57	11012/12000	Port-Security
106	Mwe	10C668D	1	2	500	15172/16000	IP Host Track Pr
107	Mwe	10D8D81	11	209	52	11284/12000	Ethchnl
108	Hwe	119992D	3975	20581	193	9780/12000	UDLD

109	Mwe	11A62F1	1	1	1000	11668/12000	UNIX IP Source g
110	Msi	11BF375	3	36	83	11316/12000	process unix_l2_
111	Mwe	11BF566	0	2	0	11044/12000	process unix_l2_
112	Mwe	11CC759	2	8	250	11436/12000	VMATM Callback
113	Lwe	15CB845	1	2	500	23364/24000	CEF switching ba
114	Lwe	15CB845	1	1	1000	5412/6000	ADJ NSF process
115	Mwe	109A15D	4	9	444	8900/12000	SpanTree Helper
116	Mwe	1B854DF	299	283	1056	14564/16000	CDP Protocol
118	Mwe	1C8BB80	2	2	1000	11332/12000	AAA Dictionary R
119	Mwe	36EC0A2	1	1	1000	10500/12000	TRACK Main threa
120	Mwe	36EC0A2	1	1	1000	10500/12000	TRACK Client thr
121	Hwe	18B75BC	1	2	500	23252/24000	ATM OAM Input
122	Hwe	18B3597	0	2	0	23300/24000	ATM OAM TIMER
123	Mwe	20E2F72	0	1	0	15492/16000	HQF TARGET DYNAM
124	Mwe	22ECA2F	6	5	1200	21940/24000	IP ARP Adjacency
125	Mwe	22EF342	4462	60677	73	10524/12000	IP ARP Retry Age
126	Mwe	22BDCBD	242	512	472	20356/24000	IP Input
127	Mwe	22DAA8E	0	1	0	11684/12000	ICMP event handl
128	Mwe	22EB893	455	4014	113	15332/16000	IP ARP Track
129	Mwe	23812CA	1	3	333	11236/12000	PIM register asy
131	Lwe	3030DF5	0	2	0	11492/12000	RIB LM VALIDATE
132	Mwe	333A318	54592	22262	2452	9140/12000	Spanning Tree
133	Mwe	3339FC1	2	4	500	11348/12000	SpanTree Msg
134	Mwe	3A75957	0	1	0	11732/12000	Webauth client
135	Mwe	3A57B8D	0	1	0	11300/12000	Auth-proxy HTTP
136	Mwe	3A49995	0	1	0	11492/12000	IP Admin SM Proc
137	Mwe	3C3629C	0	1	0	11668/12000	IPv6 ping proces
138	Mwe	3CBADB6	0	2	0	23348/24000	KRB5 AAA
139	Mwe	1623B59	5	35	142	11580/12000	FRR Background P
140	Lwe	15CB845	75	197	380	23268/24000	CEF background p
141	Hwe	15CB845	0	1	0	23412/24000	fib_fib_bfd_sb e
142	Mwe	25B0E69	0	1	0	15684/16000	IP IRDP
143	Mwe	36B0F42	0	1	0	15396/16000	Tunnel FIB
144	Mwe	1D93C7	1	3	333	23284/24000	Auth Manager
145	Mwe	3CE7F2F	0	1	0	15684/16000	EPM MAIN PROCESS
146	Mwe	23ED16	1	1	1000	11636/12000	Critical Auth
147	Msi	286F23	404	4138	97	11580/12000	SVM UT Process
148	Mwe	24BB5B	0	1	0	11636/12000	CMD HANDLER
149	Mwe	2B0ED7	0	2	0	11268/12000	Dot1x Supplicant
150	Mwe	2B70DB	1	2	500	11252/12000	Dot1x Supplicant
151	Mwe	2B1B47	0	2	0	11284/12000	Dot1x Supplicant
152	Mwe	2E4FDA	1	1	1000	11684/12000	DCT Bkgd Process
153	Mwe	2ED354	0	1	0	11760/12000	MAB Framework
154	Mwe	2DBF1A4	0	1	0	11728/12000	PPP IP Add Route

155	Mwe	17119D0	0	3	0	11044/12000	Service Routing
156	Mwe	44AE8B	0	2	0	11676/12000	HQF Output Shape
157	Mwe	44AF90	0	2	0	11676/12000	HQF Input Shaper
158	Mwe	312019B	0	2	0	23508/24000	Routing Topology
159	Mwe	2644264	4	4	1000	21676/24000	IP RIB Update
160	Mwe	255BA6E	22	39	564	14884/16000	IP Background
161	Mwe	26374E2	2	9	222	13748/16000	IP Connected Rou
162	Mwe	97ED6E	1	5	200	11284/12000	Flow Exporter Ti
163	Mwe	A3216C	0	1	0	11792/12000	XC RIB MGR
164	Lwe	BE7A04	2	4	500	11300/12000	Inter Chassis Pr
165	Mwe	344A7D3	1	2	500	23316/24000	Tunnel
166	Mwe	DE256B	0	2	0	11316/12000	LFDp Input Proc
167	Mwe	25F9229	21	177	118	21660/24000	TCP Timer
168	Lwe	2617BEC	1	3	333	22716/24000	TCP Protocols
169	Hwe	25E04DD	1	1	1000	11716/12000	Socket Timers
170	Mwe	2154064	2	7	285	15316/16000	HTTP CORE
171	Mwe	25E7A13	2	3	666	10980/12000	L2TRACE SERVER
172	Mwe	FC510C	1	2	500	15172/16000	AUTO LAG Protoco
173	Mwe	1191A4E	4	9	444	11068/12000	IGMPSN L2MCM
174	Mwe	1193BB4	1	1	1000	11460/12000	IGMPSN MRD
175	Mwe	118DA4E	0	1	0	11332/12000	IGMPSN
176	Lwe	1648D6E	271	1032	262	21772/24000	CEF: IPv4 proces
177	Lwe	15CB845	662	2061	321	22900/24000	ADJ background
178	Lwe	15CB845	2	3	666	23348/24000	Collection proce
179	Mwe	15CB845	8	4	2000	21716/24000	ADJ resolve proc
180	Mwe	172A629	4	9	444	8384/12000	SR CapMan Proces
181	Lwe	15CB845	1	3	333	23364/24000	MFIB Master back
182	Mwe	3A1FD3C	0	3	0	10700/12000	SSH Event handle
184	Mwe	1859D15	0	2	0	11268/12000	ATIP_UDP_TSK
185	Mwe	1C45C13	1	1	1000	31460/32000	COPS
186	Lwe	20C4C49	0	1	0	11508/12000	Probe Input
187	Mwe	234646C	3	3	1000	15284/16000	MVPN Mgr Process
188	Mwe	24968CF	0	2	0	15316/16000	Multicast Offloa
189	Mwe	254DE1E	1	1	1000	11508/12000	RARP Input
190	Mwe	26733E4	0	3	0	15044/16000	static
191	Mwe	267BB1C	2	2	1000	15348/16000	App Route Proces
192	Mwe	3C8991E	0	1	0	15508/16000	IPv6 RIB Cleanup
193	Mwe	3C1BE5D	0	1	0	15428/16000	IPv6 RIB Event H
194	Hwe	2DAF2E4	0	1	0	11444/12000	PAD InCall
195	Mwe	361F92E	1	2	500	23300/24000	X.25 Background
196	Lwe	361CF47	0	1	0	11172/12000	X.25 Encaps Mana
197	Mwe	2EF41B9	20	204	98	15236/16000	QoS stats proces
198	Mwe	3253BE9	0	1	0	11668/12000	SNMP Timers
199	Mwe	3A8AFCC	0	1	0	11700/12000	EPM Downlad Mana



200	Mwe	3A920B1	0	1	0	11604/12000	Timer Handler Pr
201	Mwe	3AA0235	117	417	280	23452/24000	EPM ACL PLUG-IN
202	Mwe	3C3237E	0	1	0	15508/16000	IPv6 Static Hand
203	Mwe	3858B6	0	2	0	11348/12000	AAA Cached Serve
204	Mwe	529966	0	2	0	11348/12000	LINE AAA
205	Mwe	36EC0A2	8526	31882	267	9764/12000	MMA DB TIMER
206	Mwe	36EC0A2	0	1	0	10516/12000	MMA MSG MCOL
207	Mwe	776BCF	1	2	500	23276/24000	TPLUS
208	Mwe	A662E6	1	2	500	11348/12000	ENABLE AAA
209	Mwe	A78B34	1	5	200	23156/24000	LOCAL AAA
210	Mwe	C5F4DE	1	3	333	11628/12000	MPLS Auto Mesh P
211	Mwe	12B9429	312	4014	77	11220/12000	Timer Library
212	Mwe	13B95D4	1	2	500	11332/12000	Crypto Support
213	Mwe	143841D	1	1	1000	11508/12000	IPSECv6 PS Proc
214	Lsi	14D3BE0	1	1	1000	10056/12000	NIST rng proc
215	Mwe	21B03B1	0	3	0	23196/24000	LDAP process
216	Mwe	26834B0	0	1	0	23776/24000	Opaque Database
217	Mwe	278776D	0	1	0	11732/12000	Key chain liveke
219	Mwe	36EC0A2	8650	31882	271	9764/12000	MMA DP TIMER
220	Mwe	56D013	1	2	500	23332/24000	MMON PROCESS
221	Mwe	5D3996	2157	64346	33	23332/24000	MMON MENG
222	Mwe	126A7B5	828	2061	401	22484/24000	Crypto IKEv2
223	Mwe	1273C13	0	1	0	11444/12000	IKEv2 AAA handle
224	Lwe	144B2C3	10	11	909	10248/12000	crypto engine pr
225	Mwe	14DE33E	0	1	0	23492/24000	encrypt proc
226	Mwe	134E570	0	3	0	11332/12000	CRYPTO MAP FREE
227	Mwe	135F516	0	1	0	23476/24000	Crypto INT
228	Mwe	1341395	1	2	500	23284/24000	Crypto IKE Dispa
229	Mwe	132E06F	5	3	1666	22980/24000	Crypto IKMP
230	Mwe	13E027E	0	1	0	15744/16000	IPSEC manual key
231	Mwe	1375809	46	105	438	17140/24000	IPSEC key engine
232	Mwe	1421BFE	0	1	0	31492/32000	Crypto ACL
233	Mwe	142BA3D	0	1	0	11508/12000	Crypto PAS Proc
234	Mwe	13EE8F7	1	1	1000	23460/24000	IPSec background
235	Mwe	39C69EE	0	1	0	23508/24000	RSA background p
236	Mwe	3881C03	9	4	2250	19992/24000	Crypto CA
237	Mwe	3882073	2	3	666	23348/24000	Crypto PKI-CRL
238	Mwe	3883101	1	1	1000	23492/24000	Crypto PKI-Rev-P
239	Mwe	38E10DB	0	1	0	23348/24000	PKI OCSF
240	Mwe	38E0DA8	0	1	0	23476/24000	PKI Revocation
241	Mwe	F28EDF	1	2	500	11316/12000	DHCP Security He
242	Mwe	F86D32	4	35	114	11492/12000	vlmap logger
243	Mwe	11B5277	14	3	4666	27844/32000	pm scp dummy pro
244	Mwe	106129B	1035	4104	252	11004/12000	PM Callback

246	Mwe	10B9C4B	51	169	301	11284/12000	dhcp snooping sw
247	Mwe	1C6C4B6	1	3	333	11284/12000	AAA SEND STOP EV
248	Mwe	1C76C06	0	1	0	23712/24000	Test AAA Client
249	Mwe	335B38D	0	1	0	11508/12000	Syslog Traps
251	Mwe	36EC0A2	7	15	466	13796/16000	EEM ED Syslog
252	Mwe	36EC0A2	2	4	500	13812/16000	EEM ED Routing
253	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED Generic
254	Mwe	ED0437	0	1	0	23508/24000	QoS TAM Request
255	Mwe	21E24AE	33	10	3300	23332/24000	Syslog
257	Mwe	36EC0A2	16	41	390	10148/12000	EEM Server
258	Mwe	36EC0A2	4	3	1333	14484/16000	EEM Policy Direc
259	Hwe	1D977FD	0	1	0	15732/16000	Connection Mgr
260	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED CLI
261	Mwe	36EC0A2	1	4	250	13796/16000	EEM ED Counter
262	Mwe	36EC0A2	2	4	500	13780/16000	EEM ED Interface
263	Mwe	36EC0A2	1	4	250	13796/16000	EEM ED IOSWD
264	Mwe	36EC0A2	1	4	250	13796/16000	EEM ED None
265	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED OIR
266	Mwe	3BB5293	0	1	0	11716/12000	IPv6 Access Cont
267	Mwe	36EC0A2	1	4	250	13796/16000	EEM ED SNMP
268	Mwe	36EC0A2	14	39	358	13796/16000	EEM ED Timer
269	Mwe	36EC0A2	1	4	250	13796/16000	EEM ED SNMP Obje
270	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED SNMP Noti
271	Mwe	36EC0A2	0	4	0	13796/16000	EEM ED Ipsla
272	Mwe	36EC0A2	2	4	500	13780/16000	EEM ED Nf
273	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED Test
274	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED Config
275	Mwe	36EC0A2	3	4	750	13796/16000	EEM ED Env
276	Mwe	36EC0A2	2	4	500	13796/16000	EEM ED DS
277	Mwe	36EC0A2	0	4	0	13796/16000	EEM ED CRASH
279	Mwe	36EC0A2	0	4	0	13796/16000	EEM ED RPC
280	Mwe	10FD6E6	38	17	2235	21044/24000	VLAN Manager
281	Mwe	65F156	26	128	203	20468/24000	mdns Timer Proce
282	Mwe	234646C	2	2	1000	23172/24000	MRIB Process
283	Mwe	36EC0A2	3	5	600	9956/12000	EEM Helper Threa

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