**Network Resiliency Report**

*Automated Audit & Compliance Summary*

*Generated on: August 08, 2025*

Nipun Net Solutions Pvt. Ltd.



# Overall Device Compliance Summary

|  |  |  |
| --- | --- | --- |
| Device | Compliance (%) | Status |
| PY\_WLC | 42.86 | ⚠️ Device is at RISK |
| LAB\_WLC | 28.57 | ⚠️ Device is at RISK |
| LAB\_SW | 18.75 | ⚠️ Device is at RISK |

# Device: LAB\_SW

## Hardening Summary

|  |  |  |  |
| --- | --- | --- | --- |
| Setting | Status | Recommendation | Reason |
| OS Version | Cisco IOS XE Software | Version 17.09.05 | nan |
| SSH Enabled | True | nan | nan |
| SNMPv2 Enabled | False | nan | nan |
| Strong Passwords | True | nan | nan |
| HTTP Disabled | False | no ip http server | HTTP allows unencrypted access |
| HTTPS Disabled | False | no ip http secure-server | Disable if unused |
| Logging Enabled | False | Enable timestamping and logging | Logs are important for auditing |
| SSH Timeout Configured | False | ip ssh time-out 60 | Idle SSH sessions may stay open |
| SSH Auth Retries Set | False | ip ssh authentication-retries 2 | Default retry count could allow brute force |
| UDLD Enabled | False | udld enable | UDLD prevents unidirectional link issues |
| Interface Descriptions | True | nan | nan |
| Storm Control Enabled | False | storm-control broadcast level 1.00 | No storm control can cause broadcast storms |
| Loop Guard Enabled | False | spanning-tree guard loop | Prevents Layer 2 loops |
| Root Guard Enabled | False | spanning-tree guard root | Protects STP root roles |
| Port Security Enabled | False | switchport port-security | Prevents MAC flooding |
| VTY Idle Timeout Set | False | line vty 0 4 | exec-timeout 10 0 | Idle sessions may stay active |
| nan | nan | nan | nan |
| nan | nan | nan | nan |
| nan | nan | Compliance (%) | 18.75 |
| nan | nan | Risk Status | ⚠️ Device is at RISK |

## Running Configuration

Building configuration...  
  
Current configuration : 16431 bytes  
!  
! Last configuration change at 10:05:24 UTC Mon Aug 4 2025 by admin  
!  
version 17.9  
service timestamps debug datetime msec  
service timestamps log datetime msec  
service password-encryption  
service call-home  
platform punt-keepalive disable-kernel-core  
!  
hostname LAB-SW  
!  
!  
vrf definition Mgmt-vrf  
 !  
 address-family ipv4  
 exit-address-family  
 !  
 address-family ipv6  
 exit-address-family  
!  
no aaa new-model  
switch 1 provision c9300l-24t-4x  
!  
!  
!  
!  
ip routing  
!  
!  
!  
!  
!  
ip name-server 8.8.8.8 4.2.2.2  
ip domain name nipun.local  
ip dhcp excluded-address 172.31.1.1 172.31.1.150  
ip dhcp excluded-address 172.16.0.1 172.16.0.151  
!  
ip dhcp pool Vlan100  
 network 172.31.1.0 255.255.255.0  
 default-router 172.31.1.100   
 dns-server 172.16.0.162 8.8.8.8   
 option 43 hex f104.ac1f.01c8  
!  
ip dhcp pool wireless  
 network 172.31.2.0 255.255.255.0  
 default-router 172.31.2.100   
 dns-server 172.31.1.157 8.8.8.8   
 option 43 hex f104.ac1f.018c  
!  
ip dhcp pool vlan400  
 network 172.16.0.0 255.255.254.0  
 default-router 172.16.0.100   
 dns-server 8.8.8.8 4.2.2.2 172.16.8.25   
 lease 1 23 59  
!  
ip dhcp pool Wireless\_Guest  
 network 172.31.3.0 255.255.255.0  
 dns-server 172.31.1.157 8.8.8.8   
 default-router 172.31.3.100   
 option 43 hex f104.ac1f.018c  
!  
ip dhcp pool vlan10-Employee  
 network 172.16.8.0 255.255.255.192  
 default-router 172.16.8.1   
 dns-server 172.16.0.10 172.16.0.153 172.16.0.162 8.8.8.8   
!  
ip dhcp pool vlan20-HR-AND-Admin  
 network 172.16.8.128 255.255.255.192  
 default-router 172.16.8.129   
 dns-server 172.16.0.10 172.16.0.153 172.16.0.162 8.8.8.8   
!  
ip dhcp pool vlan30-HR-Sales  
 network 172.16.8.192 255.255.255.192  
 default-router 172.16.8.193   
 dns-server 172.16.0.10 172.16.0.153 172.16.0.162 8.8.8.8   
!  
ip dhcp pool vlan35-Quarantine  
 network 172.16.9.0 255.255.255.128  
 default-router 172.16.9.1   
 dns-server 172.16.0.10 172.16.0.153 172.16.0.162 8.8.8.8   
!  
ip dhcp pool vlan2019  
 network 10.0.0.0 255.0.0.0  
 default-router 10.255.10.254   
 dns-server 172.16.0.162 8.8.8.8   
!  
ip dhcp pool vlan15-Management  
 network 172.16.8.64 255.255.255.192  
 default-router 172.16.8.65   
 dns-server 172.16.0.10 172.16.0.153 172.16.0.162 8.8.8.8   
!  
ip dhcp pool vlan70  
 network 172.16.70.0 255.255.255.0  
 dns-server 8.8.8.8   
 default-router 172.16.70.254   
!  
ip dhcp pool vlan13  
 network 172.16.72.0 255.255.255.0  
 default-router 172.16.72.1   
 dns-server 8.8.8.8   
!  
ip dhcp pool vlan14  
 network 172.16.73.0 255.255.255.0  
 default-router 172.16.73.1   
 dns-server 8.8.8.8   
!  
ip dhcp pool vlan80  
 network 10.1.10.0 255.255.255.0  
 default-router 10.1.10.1   
 dns-server 8.8.8.8   
!  
!  
!  
login on-success log  
vtp domain ACH  
vtp mode transparent  
vtp version 1  
!  
!  
!  
!  
!  
!  
!  
!  
!  
crypto pki trustpoint SLA-TrustPoint  
 enrollment pkcs12  
 revocation-check crl  
!  
crypto pki trustpoint TP-self-signed-1709707599  
 enrollment selfsigned  
 subject-name cn=IOS-Self-Signed-Certificate-1709707599  
 revocation-check none  
 rsakeypair TP-self-signed-1709707599  
!  
!  
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  
crypto pki certificate chain TP-self-signed-1709707599  
 certificate self-signed 01  
 30820330 30820218 A0030201 02020101 300D0609 2A864886 F70D0101 05050030   
 31312F30 2D060355 04031326 494F532D 53656C66 2D536967 6E65642D 43657274   
 69666963 6174652D 31373039 37303735 3939301E 170D3235 30313233 30353137   
 30365A17 0D333530 31323330 35313730 365A3031 312F302D 06035504 03132649   
 4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D31 37303937   
 30373539 39308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201   
 0A028201 0100BD1D 49AE8AE6 D2157BC9 E0CEAACA 5E135C15 2593B83D 1472A02E   
 FF7E307D ADF7DE51 C6EE34B1 9117CF96 E502735B C1991E33 3D9E14F1 F6FA12E7   
 16979E55 BB18537E B2543334 C5FFC7D0 FC48E49F 89FDEC54 08D1DF4F DCE7682F   
 E9FFF485 7DFB2053 55444E02 046853D9 2D21123F E27787C0 9F623CC1 ADEBBF35   
 1594FC9B 51AA7FA1 BB47D0A6 833FAD7B C7811048 0362F291 63742DB0 F47BD2CA   
 AA6ECDA6 A922D319 8DA0B1CA 8839DCC6 E1B12086 730F26E7 86DD44FB 53906AE5   
 8F5DEC9F BFDD6616 CC7DA462 A22C63B0 C027DF24 F497781D 5183E2CC 2B59C2C9   
 1A28E03B BE12C612 8D99529C 8127F54C 8A144E64 637D3F8C BF49773B 16CABC44   
 6E87D09E B2E70203 010001A3 53305130 0F060355 1D130101 FF040530 030101FF   
 301F0603 551D2304 18301680 14A6F7F8 FDA04F39 9E2FB080 E0819244 35C8DE08   
 B1301D06 03551D0E 04160414 A6F7F8FD A04F399E 2FB080E0 81924435 C8DE08B1   
 300D0609 2A864886 F70D0101 05050003 82010100 87A0001B B0D2E848 AE2956A1   
 CD7A6634 D7CB635B 11985BD0 34BB15C9 1A375C62 71FAB4E9 DE5CA39F 286C08AC   
 32C24C83 CF99233D 6BE33F46 4E75EC11 3BBECFAD 5F1451B9 D4F28817 70DD72A2   
 FDDFF56D 801809B6 5478A01B AB0BBACD 0B6495CF 259BD21B DC1F4559 966FACA8   
 9E8B3DB8 2A1C7204 7957B12B 30A28A2E AC805F48 86A01A8D FE7CE423 6980D3A7   
 349C47C2 6FFA5382 388AC16B D16C7D0C 66265A94 B10E05C5 E0BF6BBF 093FBD04   
 34487F97 191F0937 260A6F5D A5562563 EFF472E7 145D8290 4668039C CFA88771   
 D9D55959 DCB19396 88FABAC5 15B47298 CE2F748D E2CE80A6 C2B4F617 96F4A87B   
 162D7165 0D421A42 77813213 69E7EC26 24F19C9E  
 quit  
!  
!  
license boot level network-advantage addon dna-advantage  
memory free low-watermark processor 131040  
!  
diagnostic bootup level minimal  
!  
spanning-tree mode rapid-pvst  
spanning-tree extend system-id  
!  
!  
!  
username admin privilege 15 password 7 06280631594029485744  
username support privilege 15 password 7 032A521B1301011D1C5A  
username maple secret 9 $9$1oMLpyr6u.B9oU$/GxIlaCfyO8AiINBx8seDluU8nmfA0GeVcRtdzw4GPA  
username nipun privilege 15 secret 9 $9$cAkA8WOuN4VDQU$ltiUsJrmh5HhZCkrc6mF3gs/MSYBwnKZmwVZuN6Ny8g  
username admins password 7 013D0F144E05265E731F1A  
!  
redundancy  
 mode sso  
crypto engine compliance shield disable  
!  
!  
!  
!  
!  
transceiver type all  
 monitoring  
!  
vlan 2   
!  
vlan 10  
 name Employee  
!  
vlan 13  
 name FTD  
!  
vlan 14  
 name FMC  
!  
vlan 15  
 name management  
!  
vlan 20  
 name HR-AND-Admin  
!  
vlan 29  
 name Quarantine  
!  
vlan 30  
 name Sales  
!  
vlan 50,70-71   
!  
vlan 100  
 name MGMT  
!  
vlan 200  
 name Wireless  
!  
vlan 300   
!  
vlan 397  
 name TRP  
!  
vlan 400  
 name wireless  
!  
vlan 450  
 name PnP  
!  
vlan 500  
 name DNAC-PNP-TESTING  
!  
vlan 600  
 name CLient  
!  
vlan 700  
 name auto\_700  
!  
vlan 800  
 name auto\_800  
!  
vlan 900  
 name auto\_900  
!  
vlan 930  
 name TEST-2  
!  
vlan 966  
 name VXLAN  
!  
vlan 1000  
 name Connectedfirewall  
!  
vlan 2016-2017   
!  
vlan 2019  
 name Test-SDA  
!  
!  
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 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 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  
!  
!   
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
interface Loopback0  
 ip address 10.255.2.2 255.255.255.255  
!  
interface GigabitEthernet0/0  
 vrf forwarding Mgmt-vrf  
 no ip address  
 shutdown  
 negotiation auto  
!  
interface GigabitEthernet1/0/1  
 description \*\*UCS-SERVER\*\*  
 switchport trunk native vlan 100  
 switchport mode trunk  
!  
interface GigabitEthernet1/0/2  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/3  
 switchport access vlan 1000  
 switchport mode access  
!  
interface GigabitEthernet1/0/4  
 switchport access vlan 100  
 switchport mode access  
!  
interface GigabitEthernet1/0/5  
 switchport access vlan 1000  
 switchport mode access  
!  
interface GigabitEthernet1/0/6  
 description FTD-FW  
 switchport mode access  
!  
interface GigabitEthernet1/0/7  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/8  
 description \*\*Connected to DNA-C\*\*  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/9  
 description auto\_700  
 switchport access vlan 700  
 switchport mode access  
!  
interface GigabitEthernet1/0/10  
 description auto\_800  
 switchport access vlan 800  
 switchport mode access  
!  
interface GigabitEthernet1/0/11  
 description \*\*Connected to DNA-CIMC\*\*  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/12  
 description auto\_900  
 no switchport  
 ip address 192.168.11.1 255.255.255.0  
!  
interface GigabitEthernet1/0/13  
 description auto\_900  
 switchport access vlan 900  
 switchport mode access  
!  
interface GigabitEthernet1/0/14  
 switchport access vlan 14  
 switchport mode access  
!  
interface GigabitEthernet1/0/15  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/16  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/17  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/18  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/19  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/20  
 switchport access vlan 400  
 switchport mode access  
!  
interface GigabitEthernet1/0/21  
 description trunk port automation  
 switchport trunk allowed vlan 700,800,900  
 switchport mode trunk  
!  
interface GigabitEthernet1/0/22  
 switchport trunk allowed vlan 400  
 switchport mode trunk  
!  
interface GigabitEthernet1/0/23  
 switchport mode trunk  
!  
interface GigabitEthernet1/0/24  
 switchport mode trunk  
!  
interface TenGigabitEthernet1/1/1  
!  
interface TenGigabitEthernet1/1/2  
!  
interface TenGigabitEthernet1/1/3  
!  
interface TenGigabitEthernet1/1/4  
!  
interface AppGigabitEthernet1/0/1  
!  
interface Vlan1  
 no ip address  
 shutdown  
!  
interface Vlan10  
 ip address 172.16.8.1 255.255.255.192  
!  
interface Vlan13  
 ip address 172.16.72.1 255.255.255.0  
 ip nat inside  
!  
interface Vlan14  
 ip address 172.16.73.1 255.255.255.0  
 ip nat inside  
!  
interface Vlan15  
 ip address 172.16.8.65 255.255.255.192  
 ip nat inside  
!  
interface Vlan20  
 ip address 172.16.8.129 255.255.255.192  
 ip nat inside  
!  
interface Vlan29  
 ip address 172.16.9.1 255.255.255.128  
 ip nat inside  
!  
interface Vlan30  
 ip address 172.16.8.193 255.255.255.192  
 ip nat inside  
!  
interface Vlan50  
 ip address 172.16.50.254 255.255.255.0  
 ip nat inside  
!  
interface Vlan70  
 ip address 172.16.70.254 255.255.255.0  
!  
interface Vlan71  
 ip address 172.16.71.254 255.255.255.0  
!  
interface Vlan100  
 ip address 172.31.1.100 255.255.255.0  
!  
interface Vlan200  
 ip address 172.31.2.100 255.255.255.0  
!  
interface Vlan400  
 ip address 172.16.0.100 255.255.254.0  
 ip helper-address 172.16.0.162  
!  
interface Vlan600  
 ip address 172.31.6.100 255.255.255.0  
 ip helper-address 172.31.1.157  
!  
interface Vlan700  
 description L3\_700  
 ip address 10.1.1.1 255.255.255.0  
!  
interface Vlan800  
 description L3\_800  
 ip address 10.1.2.1 255.255.255.0  
!  
interface Vlan900  
 description L3\_900  
 ip address 10.1.3.1 255.255.255.0  
!  
interface Vlan1000  
 ip address 192.168.193.253 255.255.255.252  
!  
interface Vlan2016  
 ip address 10.255.50.2 255.255.255.252  
 no ip redirects  
!  
interface Vlan2017  
 ip address 10.255.50.6 255.255.255.252  
 no ip redirects  
!  
interface Vlan2019  
 ip address 10.255.10.254 255.255.255.0  
!  
ip forward-protocol nd  
ip http server  
ip http authentication local  
ip http secure-server  
ip route 0.0.0.0 0.0.0.0 192.168.193.254 2  
ip route 10.10.10.0 255.255.255.0 192.168.11.2  
ip route 10.10.20.0 255.255.255.0 192.168.11.2  
ip route 172.16.0.246 255.255.255.255 172.16.0.173  
ip route 172.25.0.0 255.255.255.0 172.16.0.187  
ip route 192.168.11.0 255.255.255.0 192.168.11.2  
ip route 192.168.56.102 255.255.255.255 172.16.0.173  
ip ssh version 2  
ip scp server enable  
!  
!  
ip access-list extended NAT\_ACL  
 10 permit ip 172.16.8.0 0.0.0.63 any  
 20 permit ip 172.16.72.0 0.0.0.255 any  
 30 permit ip 172.16.73.0 0.0.0.255 any  
 40 permit ip 172.16.8.64 0.0.0.63 any  
 50 permit ip 172.16.8.128 0.0.0.63 any  
 60 permit ip 172.16.9.0 0.0.0.127 any  
 70 permit ip 172.16.8.192 0.0.0.63 any  
 80 permit ip 172.16.50.0 0.0.0.255 any  
 90 permit ip 172.16.70.0 0.0.0.255 any  
 100 permit ip 172.16.71.0 0.0.0.255 any  
 110 permit ip 172.31.1.0 0.0.0.255 any  
 120 permit ip 172.31.2.0 0.0.0.255 any  
 130 permit ip 172.31.6.0 0.0.0.255 any  
!  
ip access-list extended 101  
 10 permit ip 172.0.0.0 0.0.0.255 any  
!  
route-map Inside\_to\_FortiGate permit 10   
 match ip address 101  
!  
snmp-server group Utora v3 priv write Nipun   
snmp-server group admin v3 auth   
snmp-server group NUtora v3 priv   
snmp-server group #S!tuys v3 priv   
snmp-server host 172.31.1.233 version 3 priv #S!tuys   
snmp-server host 172.31.1.233 version 3 auth admin   
!  
!  
control-plane  
 service-policy input system-cpp-policy  
!  
!  
line con 0  
 stopbits 1  
line vty 0 4  
 login local  
 transport input all  
line vty 5 31  
 login  
 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  
!  
!  
!  
!  
!  
!  
end

## Nmap Scan Results

Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-08-08 04:52 UTC  
Nmap scan report for 172.16.0.100  
Host is up (0.013s latency).  
Not shown: 1025 closed tcp ports (conn-refused)  
PORT STATE SERVICE  
22/tcp open ssh  
23/tcp open telnet  
80/tcp open http  
443/tcp open https  
  
Nmap done: 1 IP address (1 host up) scanned in 4.15 seconds

# Device: LAB\_WLC

## Hardening Summary

|  |  |  |  |
| --- | --- | --- | --- |
| Setting | Status | Recommendation | Reason |
| OS Version | Cisco IOS XE Software | Version 17.15.03 | nan |
| SSH Enabled | True | nan | nan |
| SNMPv2 Enabled | False | nan | nan |
| Strong Passwords | False | service password-encryption | Plaintext passwords are insecure |
| HTTP Disabled | False | no ip http server | HTTP allows unencrypted access |
| HTTPS Disabled | False | no ip http secure-server | Disable if unused |
| Logging Enabled | False | Enable timestamping and logging | Logs are important for auditing |
| SSH Timeout Configured | False | ip ssh time-out 60 | Idle SSH sessions may stay open |
| SSH Auth Retries Set | False | ip ssh authentication-retries 2 | Default retry count could allow brute force |
| UDLD Enabled | False | udld enable | UDLD prevents unidirectional link issues |
| Interface Descriptions | True | nan | nan |
| WLC HTTP Disabled | False | no ip http server | HTTP allows unencrypted access |
| WLC HTTPS Enabled | True | nan | nan |
| WLC Idle Timeout Set | True | nan | nan |
| nan | nan | nan | nan |
| nan | nan | nan | nan |
| nan | nan | Compliance (%) | 28.57 |
| nan | nan | Risk Status | ⚠️ Device is at RISK |

## Running Configuration

Building configuration...  
  
Current configuration : 89500 bytes  
!  
! Last configuration change at 18:15:49 IST Thu Aug 7 2025 by ajay  
!  
version 17.15  
service timestamps debug datetime msec localtime  
service timestamps log datetime msec localtime  
platform qfp utilization monitor load 80  
platform sslvpn use-pd  
platform console virtual  
!  
hostname LAB-WLC  
!  
boot-start-marker  
boot system bootflash:packages.conf  
boot system bootflash:/packages.conf  
boot-end-marker  
!  
!  
vrf definition Mgmt-intf  
 !  
 address-family ipv4  
 exit-address-family  
 !  
 address-family ipv6  
 exit-address-family  
!  
no logging console  
aaa new-model  
!  
!  
aaa authentication login default local  
aaa authorization exec default local   
aaa authorization auth-proxy default group ise   
aaa authorization credential-download wcm\_loc\_serv\_cert local   
!  
!  
aaa attribute list cmx\_000C29715189  
 attribute type password B986D3744123A8551C33E0AA8EAEC644556039F49AF16854240799C3E94CC3DF  
!  
aaa attribute list cmx\_MAC\_ADDRESS  
!  
aaa attribute list wlan\_lobby\_access  
!  
aaa attribute list GUEST  
 attribute type ssid LAB\_access  
!  
aaa server radius dynamic-author  
 server-key Nipun@123  
!  
aaa session-id common  
clock timezone IST 5 30  
clock calendar-valid  
vtp mode off  
!  
!  
!  
!  
ip nbar attribute-map youtube-map  
 attribute business-relevance business-relevant  
 attribute traffic-class multimedia-streaming  
 attribute category custom-category  
!  
!  
ip nbar attribute-set youtube youtube-map  
!  
ip name-server 172.31.1.176  
!  
!  
!  
no ip igmp snooping vlan 13  
no ip igmp snooping vlan 14  
no ip igmp snooping vlan 600  
no ip igmp snooping vlan 400  
no ip igmp snooping vlan 50  
login on-success log  
!  
!  
!  
!  
!  
!  
!  
subscriber templating  
!   
!   
!   
!   
!  
!  
parameter-map type subscriber attribute-to-service Local\_Profiling\_Map-param  
 1 map device-type eq "Android"  
 1 service-template Local\_Profiling  
!  
parameter-map type webauth global  
 type webauth  
 intercept-https-enable  
 trustpoint CISCO\_IDEVID\_SUDI  
!  
!  
parameter-map type webauth GUEST\_WEB  
 type webauth  
 logout-window-disabled  
 success-window-disable  
!  
!  
parameter-map type webauth NIP\_WEB  
 type webauth  
 logout-window-disabled  
 success-window-disable  
!  
access-session mac-move deny  
!  
flow exporter wireless-local-exporter  
 destination local wlc  
!  
!  
flow monitor wireless-avc-basic  
 exporter wireless-local-exporter  
 cache timeout active 60  
 record wireless avc basic  
!  
!  
flow monitor wireless-avc-basic-ipv6  
 exporter wireless-local-exporter  
 cache timeout active 60  
 record wireless avc ipv6 basic  
!  
!  
!  
!  
!  
!  
!  
pae  
!  
crypto pki server WLC\_CA  
 database archive pkcs12 password 7 12370C0707052C55787864  
 issuer-name O=Cisco Virtual Wireless LAN Controller, CN=CA-vWLC\_LAB-WLC  
 grant auto  
 hash sha256  
 lifetime certificate 3652  
 lifetime ca-certificate 3652  
 shutdown  
!  
crypto pki trustpoint SLA-TrustPoint  
 enrollment pkcs12  
 revocation-check crl  
 hash sha256  
!  
crypto pki trustpoint WLC\_CA  
 revocation-check crl  
 rsakeypair WLC\_CA  
 hash sha512  
!  
crypto pki trustpoint LAB-WLC\_WLC\_TP  
 enrollment url http://172.16.0.248:80  
 serial-number  
 password 7 002A1A1611552B575D720C  
 subject-name O=Cisco Virtual Wireless LAN Controller, CN=LAB-WLC\_WLC\_TP  
 revocation-check crl  
 rsakeypair LAB-WLC\_WLC\_TP  
 hash sha256  
 eku request server-auth client-auth   
!  
crypto pki trustpoint sdn-network-infra-iwan  
 enrollment url http://172.16.0.96:80/ejbca/publicweb/apply/scep/sdnscep  
 fqdn LAB-WLC  
 subject-name CN=C9800-CL-K9\_9X84XK0KTXT\_sdn-network-infra-iwan  
 revocation-check crl  
 source interface Vlan400  
 rsakeypair sdn-network-infra-iwan  
 auto-enroll 80 regenerate  
 hash sha512  
!  
crypto pki trustpoint DNAC-CA  
 enrollment mode ra  
 enrollment terminal  
 usage ssl-client  
 revocation-check crl none  
 source interface Vlan400  
 hash sha512  
!  
!  
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  
crypto pki certificate chain WLC\_CA  
 certificate ca 01  
 30820372 3082025A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030   
 4A311830 16060355 04030C0F 43412D76 574C435F 4C41422D 574C4331 2E302C06   
 0355040A 13254369 73636F20 56697274 75616C20 57697265 6C657373 204C414E   
 20436F6E 74726F6C 6C657230 1E170D32 35303830 34303530 3634375A 170D3335   
 30383034 30353036 34375A30 4A311830 16060355 04030C0F 43412D76 574C435F   
 4C41422D 574C4331 2E302C06 0355040A 13254369 73636F20 56697274 75616C20   
 57697265 6C657373 204C414E 20436F6E 74726F6C 6C657230 82012230 0D06092A   
 864886F7 0D010101 05000382 010F0030 82010A02 82010100 E4A4F510 A128A8BE   
 20722593 15D6ED77 B3660EEA E6869299 10FCA7A0 851ECC66 6EE9B96C 10FFFCA4   
 04C7792A 1C1DB81D 738763DE 4584C1CE DC88A9F8 FEA7A834 9AAE8C67 BA13B62C   
 30B25C50 A75693CE 8A811E3C D5020F58 D0A951E6 8CFF7CBA 696460B8 E8C4AD23   
 8C71ECD6 AB16189C C09D4334 06CB0859 7C111CD9 9C5E1668 032B5CB0 F505A030   
 5E7226F4 AEAB6C58 34A54D7D 19C8A15C 4AEF2C89 6FEC69A0 5A219727 56EAD520   
 5D36707B 62229F1E ACDFB03D B3F6F4E1 7A369CB5 8CB9D3E6 0F9A3DD3 EB813813   
 07760EA7 F68CF833 213CB35F 1375A181 878820E0 4BB1AB61 16F59AB5 8F89A2AA   
 BF014756 B7A8737D 7D0C0AB3 CC7AC57C AC34102A 23AB9357 02030100 01A36330   
 61300F06 03551D13 0101FF04 05300301 01FF300E 0603551D 0F0101FF 04040302   
 0186301F 0603551D 23041830 16801430 AC558694 9228734B 19F2ED94 86E5E54B   
 9F06B230 1D060355 1D0E0416 041430AC 55869492 28734B19 F2ED9486 E5E54B9F   
 06B2300D 06092A86 4886F70D 01010B05 00038201 0100BEA5 1FCA6B3F 2402CD2D   
 C79EF320 7EF7AC8F 598FB37D 55742030 E3D3C08D CB132158 4FE9B99B 814DC7F6   
 198B036C AF8938FF 775E2CCB 722721E1 F01BEC23 13B2586B E89C3A27 E48EECDC   
 519F4A79 4DE88370 3BA885F6 5B79C0F3 11E38085 8A8E1398 8AD441A5 D2FEA384   
 5E0379A0 8402257A 6CE1102D 6024D6B4 1147CDD6 4EE51662 C87A0664 80474C09   
 BD21B61B 894EEE0E 2F4FBF2A DC664643 CC8A54DF 8D9F96B5 087DD726 03F1BBCD   
 E15D22B5 E0AB7F8A 99C8F700 CFE963E6 18A4EF5F 1641890D 8DC24766 1A0BCB06   
 7F0197A7 A9E7B794 6B4F7B7E 0DFE0225 98BA36D0 AD2443B8 11D16496 8F2A4899   
 487DFEDD 1126D682 BD56F53D 390BBE78 63D50DF8 B7BB  
 quit  
crypto pki certificate chain LAB-WLC\_WLC\_TP  
 certificate 02  
 308203AC 30820294 A0030201 02020102 300D0609 2A864886 F70D0101 0B050030   
 4A311830 16060355 04030C0F 43412D76 574C435F 4C41422D 574C4331 2E302C06   
 0355040A 13254369 73636F20 56697274 75616C20 57697265 6C657373 204C414E   
 20436F6E 74726F6C 6C657230 1E170D32 35303830 34303530 3731305A 170D3335   
 30383034 30353036 34375A30 79311730 15060355 04030C0E 4C41422D 574C435F   
 574C435F 5450312E 302C0603 55040A13 25436973 636F2056 69727475 616C2057   
 6972656C 65737320 4C414E20 436F6E74 726F6C6C 6572312E 30120603 55040513   
 0B395838 34584B30 4B545854 30180609 2A864886 F70D0109 02160B4C 41422D57   
 4C432E4C 41423082 0122300D 06092A86 4886F70D 01010105 00038201 0F003082   
 010A0282 010100BA 44BBE5FD 22D955A7 3038CA22 1656AC32 257C484C 6C1B4C21   
 D86F9E4E 278C65C5 5264608C 97554BE4 9C824795 C8E536B8 037CD97C B9BDBE72   
 B64922DE 29758667 2B2C7095 0DC94745 43FF57FB CE0C11AB 25FFC02D E94D34E0   
 AAB175CB 0980A56D F840C8FF DBCCA654 BBBB4AE0 CCCED40B BF250406 263A5BBB   
 D4564514 B4E573A7 8DCA3AEC 6081EA57 6E55148E 6ECDCDCA 751B13FC B12C63AF   
 9B589A01 5F8194A2 093F1731 E5FC7D95 E5D30236 9BA483B8 1D526D06 87F171B4   
 6F293B5C A03A05B0 6BC17D79 D191EA83 C3994D7F CEAE3368 A4A16F25 F3034EF3   
 9040B025 1FDDC03E A5DFD97D 5DCFC27A D6AD6D7C 516B7FD8 A7758453 CF6AFF13   
 8FD99A5E 44C60D02 03010001 A36E306C 300B0603 551D0F04 04030205 A0301D06   
 03551D25 04163014 06082B06 01050507 03010608 2B060105 05070302 301F0603   
 551D2304 18301680 1430AC55 86949228 734B19F2 ED9486E5 E54B9F06 B2301D06   
 03551D0E 04160414 596EEB6E 004BBDA1 E8343105 E1C6F9EA 1DA4BEAA 300D0609   
 2A864886 F70D0101 0B050003 82010100 9EA847ED BAF4FB43 BF1E0103 5A5328F3   
 E1802B6A 98C3185A 746C8A67 051AB054 94E4230A 13E0E0E9 28A1F69D 8E513C17   
 D301C9AF 1D269BE2 80955448 9153ABD2 91DCF05B 50A9CF3A 2DA65230 D4C7C62E   
 D03039FF 3D886A24 8108B999 60863899 B71E5681 FA334A4B B6DD4533 9D5F8DF4   
 CE405F09 4D8B9BED A6A49CB1 71700937 36FF8133 2C923579 34F03555 AF39267A   
 445F80EC A3B2AD72 0D345392 EEB8811B B75D34C3 03E1FDE1 2976B7E8 A8127E37   
 23E9F0F8 1FEF8A33 522FB7F0 45B54532 7811DA3B 522855A9 E9A3AE81 610FC344   
 F6867D23 B5B3F5EA 2E78218E D053C1C1 9F2D776C 8A565F4B 8FA00698 96824030   
 EBBA1383 A3544A12 DB719CF5 DEDEBF41  
 quit  
 certificate ca 01  
 30820372 3082025A A0030201 02020101 300D0609 2A864886 F70D0101 0B050030   
 4A311830 16060355 04030C0F 43412D76 574C435F 4C41422D 574C4331 2E302C06   
 0355040A 13254369 73636F20 56697274 75616C20 57697265 6C657373 204C414E   
 20436F6E 74726F6C 6C657230 1E170D32 35303830 34303530 3634375A 170D3335   
 30383034 30353036 34375A30 4A311830 16060355 04030C0F 43412D76 574C435F   
 4C41422D 574C4331 2E302C06 0355040A 13254369 73636F20 56697274 75616C20   
 57697265 6C657373 204C414E 20436F6E 74726F6C 6C657230 82012230 0D06092A   
 864886F7 0D010101 05000382 010F0030 82010A02 82010100 E4A4F510 A128A8BE   
 20722593 15D6ED77 B3660EEA E6869299 10FCA7A0 851ECC66 6EE9B96C 10FFFCA4   
 04C7792A 1C1DB81D 738763DE 4584C1CE DC88A9F8 FEA7A834 9AAE8C67 BA13B62C   
 30B25C50 A75693CE 8A811E3C D5020F58 D0A951E6 8CFF7CBA 696460B8 E8C4AD23   
 8C71ECD6 AB16189C C09D4334 06CB0859 7C111CD9 9C5E1668 032B5CB0 F505A030   
 5E7226F4 AEAB6C58 34A54D7D 19C8A15C 4AEF2C89 6FEC69A0 5A219727 56EAD520   
 5D36707B 62229F1E ACDFB03D B3F6F4E1 7A369CB5 8CB9D3E6 0F9A3DD3 EB813813   
 07760EA7 F68CF833 213CB35F 1375A181 878820E0 4BB1AB61 16F59AB5 8F89A2AA   
 BF014756 B7A8737D 7D0C0AB3 CC7AC57C AC34102A 23AB9357 02030100 01A36330   
 61300F06 03551D13 0101FF04 05300301 01FF300E 0603551D 0F0101FF 04040302   
 0186301F 0603551D 23041830 16801430 AC558694 9228734B 19F2ED94 86E5E54B   
 9F06B230 1D060355 1D0E0416 041430AC 55869492 28734B19 F2ED9486 E5E54B9F   
 06B2300D 06092A86 4886F70D 01010B05 00038201 0100BEA5 1FCA6B3F 2402CD2D   
 C79EF320 7EF7AC8F 598FB37D 55742030 E3D3C08D CB132158 4FE9B99B 814DC7F6   
 198B036C AF8938FF 775E2CCB 722721E1 F01BEC23 13B2586B E89C3A27 E48EECDC   
 519F4A79 4DE88370 3BA885F6 5B79C0F3 11E38085 8A8E1398 8AD441A5 D2FEA384   
 5E0379A0 8402257A 6CE1102D 6024D6B4 1147CDD6 4EE51662 C87A0664 80474C09   
 BD21B61B 894EEE0E 2F4FBF2A DC664643 CC8A54DF 8D9F96B5 087DD726 03F1BBCD   
 E15D22B5 E0AB7F8A 99C8F700 CFE963E6 18A4EF5F 1641890D 8DC24766 1A0BCB06   
 7F0197A7 A9E7B794 6B4F7B7E 0DFE0225 98BA36D0 AD2443B8 11D16496 8F2A4899   
 487DFEDD 1126D682 BD56F53D 390BBE78 63D50DF8 B7BB  
 quit  
crypto pki certificate chain sdn-network-infra-iwan  
 certificate 7CFEF8388014A420  
 30820371 30820259 A0030201 0202087C FEF83880 14A42030 0D06092A 864886F7   
 0D01010D 0500301F 311D301B 06035504 030C1473 646E2D6E 6574776F 726B2D69   
 6E667261 2D636130 1E170D32 35303830 34303533 3831355A 170D3236 30383034   
 30353338 31355A30 51311630 1406092A 864886F7 0D010902 0C074C41 422D574C   
 43313730 35060355 04030C2E 43393830 302D434C 2D4B395F 39583834 584B304B   
 5458545F 73646E2D 6E657477 6F726B2D 696E6672 612D6977 616E3082 0122300D   
 06092A86 4886F70D 01010105 00038201 0F003082 010A0282 0101008A 4C9A9043   
 5F447572 6B9786BB 5A6200C6 DD92C7F2 C9523EC1 B1549B1C 064F2125 D93D2048   
 E7034D40 F28768A3 68B0EA2D C05CE233 E8DADF25 5811D18B D55FC47A 3D9F9F30   
 FDA7F4BA 7FA092EC 0EE9EC5F 85231242 7F34AD48 2FAA397A AE9425B0 5EB3CB6E   
 7211F08A FEAF0C0B DAEDE55E CF69EAE8 6DC38FF7 69D2A46C 690CA021 B1C2DF98   
 5D199748 88220C40 F0AD5050 3714C693 80993418 1865C364 ADBFBDA4 CE7EB3D6   
 E89733D3 124C5636 93A3F402 7F99705A 16B282CB A29BB33D 14AA5F14 0EE4DBB7   
 0565F50F 28494059 767DE77E 4CB819C7 490006B5 54E36F1E 36D44451 459D3039   
 6E3DA1B7 C2106FAB A09A6152 40A78764 77605A31 67F3A6AD 45635502 03010001   
 A37F307D 300C0603 551D1301 01FF0402 3000301F 0603551D 23041830 1680146C   
 22712E5F 3A0E4163 332B1264 E21E5FF0 124B1530 1D060355 1D250416 30140608   
 2B060105 05070302 06082B06 01050507 0304301D 0603551D 0E041604 14DF9992   
 066D1ECA 23D7B7B2 E23E2341 C9C66F72 85300E06 03551D0F 0101FF04 04030205   
 E0300D06 092A8648 86F70D01 010D0500 03820101 00149795 9898AAE4 1B934F68   
 E4A508FB 6912662D 96690ED9 0F1B3E6D 51E6C64D 14BD6199 52988813 A9364720   
 17CE7CCC 581D1047 1F1C6C3F CC687907 D5E11B66 B476A242 70490BD3 88CB7FFB   
 EA45DB39 21B239A7 C1A5B3B9 FC9FAFC6 C3FD63FD 2F15D24C C02AC041 4BC1E8B5   
 B5F3FBCD 6129D073 48A68D81 B9718CB6 53DF0E5E DD6DC325 3D8002D1 03CC1AF8   
 185B2E76 C3D46011 EDC70382 CE9AD586 3BA9AE14 254EA62A 050E70EF 7CA36D77   
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 quit  
!  
!  
!  
!  
!  
!  
!  
!  
!  
license udi pid C9800-CL-K9 sn 9X84XK0KTXT  
service-template DEFAULT\_LINKSEC\_POLICY\_MUST\_SECURE  
 linksec policy must-secure  
service-template DEFAULT\_LINKSEC\_POLICY\_SHOULD\_SECURE  
 linksec policy should-secure  
service-template DEFAULT\_CRITICAL\_VOICE\_TEMPLATE  
 voice vlan  
service-template DEFAULT\_CRITICAL\_DATA\_TEMPLATE  
service-template webauth-global-inactive  
 inactivity-timer 3600   
service-template Local\_Profiling  
 vlan 400  
dot1x system-auth-control  
device classifier  
diagnostic bootup level minimal  
memory free low-watermark processor 161790  
!  
  
et-analytics  
!  
!  
enable secret 9 $9$F5QRgOX.Zt1EGk$JhRTG.PF9cxiTTyaWAR9GsWlHWkGRUoZP0rny4qe65o  
enable password Nipun@123  
!  
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username 1c1bb5e8d348 mac wlan-profile-name ISB\_Vendor description "LRC --"  
username 1c427de4fb2f mac wlan-profile-name AnyWLAN description ThakurDyCHIEF  
username 1cc3eb0437c3 mac wlan-profile-name Smart\_Devices description "Jyoti Sehgal"  
username 20f478bd1b48 mac wlan-profile-name ISB\_Vendor description "Avijit Sen (Sarovar GM)"  
username 24da9bfd5a4f mac wlan-profile-name ISB\_Vendor description "Dinesh - AV"  
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username 28395ebef3cc mac wlan-profile-name AV\_Device description "Admin Magic"  
username 288eec103123 mac wlan-profile-name ISB\_Vendor description rohitAV  
username 2c9d6527a2b3 mac wlan-profile-name Smart\_Devices description "Sonia Sharma"  
username 2ca7efae4835 mac wlan-profile-name ISB\_Vendor description "Anshul\_AV Team"  
username 2cbeeb347519 mac wlan-profile-name ISB\_Vendor description "AV-Team Kapil Dev"  
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username 3050ce65e171 mac wlan-profile-name ISB\_Vendor description "Arun Rana AV"  
username 30afce567f15 mac wlan-profile-name ISB\_Vendor description Rijwan.CP....  
username 38d57a8ad959 mac wlan-profile-name Unavailable(18) description "62410680 MH13"  
username 3c52a1b59f8c mac wlan-profile-name ISB\_Vendor description "Engineering Desk"  
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username 484520393181 mac wlan-profile-name Smart\_Devices description "Deepan Operation"  
username 488d36a9a156 mac wlan-profile-name Smart\_Devices description "Saumya Mam TV"  
username 489be0d38749 mac wlan-profile-name ISB\_Vendor description "Atttandance G4S Security Gate-1"  
username 489be0d39061 mac wlan-profile-name ISB\_Vendor description "Atttandance G4S Security Gate-2"  
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username 48f17fad8446 mac wlan-profile-name ISB\_Vendor description "Sarovar Tainging Manger SHajid"  
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username 4cab4f70df21 mac wlan-profile-name AV\_Device description "Pushapagiri Ipad"  
username 4cab4f8086f2 mac wlan-profile-name AV\_Device description "Vikramshila ipad"  
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username 5c17cf3df74d mac wlan-profile-name Smart\_Devices description "Mr. Kundan (Staff)"  
username 5c1cb96f9671 mac wlan-profile-name ISB\_Vendor description "Chahat. 1."  
username 5c50d9c6a6ec mac wlan-profile-name Smart\_Devices description "Prof parshuram hotkar"  
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username 5c5f67eab55f mac wlan-profile-name AV\_Device description "AV Laptop"  
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username 6a40f46675fe mac wlan-profile-name ISB\_Vendor description Chahat.  
username 6cc7ecf8a094 mac wlan-profile-name ISB\_Vendor description "Mr. Gurinder Singh"  
username 6ce5c907b9df mac wlan-profile-name AV\_Device description "Jalatrang IPAD 10.0.110.85"  
username 705aac8f7514 mac wlan-profile-name ISB\_Vendor description "Mr. Ramesh-Chief Eng."  
username 70b7aa10b669 mac wlan-profile-name ISB\_Vendor description Vendor\_Har  
username 70bbe91fc6e6 mac wlan-profile-name ISB\_Vendor description "Gurmeet SIngh"  
username 70bbe936065a mac wlan-profile-name ISB\_Vendor description "Anoop BMS"  
username 70bbe97319a2 mac wlan-profile-name ISB\_Vendor description Mr.Gopi-Nipun  
username 70cd0d32bc48 mac wlan-profile-name ISB\_Vendor description "SAROVAR OFFICE SYSTEM"  
username 7440bb80442b mac wlan-profile-name ISB\_Vendor description sukhwinder  
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username 74f2fa39a476 mac wlan-profile-name ISB\_Vendor description "Shivam - Network(RF)"  
username 78af084e5de0 mac wlan-profile-name AV\_Device description "Mr. Vivek (AV Team)"  
username 7ac25d0713dd mac wlan-profile-name ISB\_Vendor description "Anshul.AV team"  
username 7c6cf06b0767 mac wlan-profile-name ISB\_Vendor description "IPAD at GYM"  
username 7c7b1cc322f1 mac wlan-profile-name ISB\_Vendor description "Rahul AV"  
username 7c8bca1b45ab mac wlan-profile-name ISB\_Vendor description "Creche PC"  
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username 80ceb9a4594d mac wlan-profile-name ISB\_Vendor description "Tilak AV"  
username 84c9b27d027a mac wlan-profile-name ISB\_Vendor description LRC\_Chanchal  
username 9009df940705 mac wlan-profile-name ISB\_Vendor description "Srikanth Backup eng"  
username 902c09e1941e mac wlan-profile-name ISB\_Vendor description "SV1B 102 Req by ITCS"  
username 90df7dbf738d mac wlan-profile-name ISB\_Vendor description "Mukesh Front office mgr"  
username 944560445eb6 mac wlan-profile-name ISB\_Vendor description Creche-Sakshi  
username 94652dcc98c0 mac wlan-profile-name Smart\_Devices description Mr.Tarun-Staff(ASA)  
username 94652df199e6 mac wlan-profile-name ISB\_Vendor description "AMPOS till 15 april"  
username 94e96a59931b mac wlan-profile-name AV\_Device description "IPAD Odantapuri"  
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username 94ee9f0249b1 mac wlan-profile-name Smart\_Devices description "Ashish AV"  
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username 9ca52510cb0b mac wlan-profile-name ISB\_Vendor description "vendor Smart Light"  
username 9ca5251e7fae mac wlan-profile-name ISB\_Vendor description "Smart Light at ACAD"  
username 9ca5251ea926 mac wlan-profile-name ISB\_Vendor description Testttt  
username 9e6ce8891ab8 mac wlan-profile-name ISB\_Vendor description EDA-Basements-PC  
username 9e9d3f7867fd mac wlan-profile-name Smart\_Devices description JALTRANGAaa\_2022  
username a05950003084 mac wlan-profile-name ISB-GOLDMAN description paarvi\_gupta2024@isb.edu  
username a41731655945 mac wlan-profile-name ISB\_Vendor description "Sarovar\_tm\_moh (Sajid Malik"  
username a497b1e04629 mac wlan-profile-name ISB\_Vendor description "SAROVAR AMHR MOH (HR)"  
username a67364236f76 mac wlan-profile-name ISB\_Vendor description "nitish Iphone"  
username ac397122fa75 mac wlan-profile-name ISB\_Vendor description "AnShul Sarovar"  
username ac3eb177d44c mac wlan-profile-name Smart\_Devices description StudentID:62410634  
username ac5fea7272c6 mac wlan-profile-name ISB\_Vendor description "Rohit - AV team"  
username ac5feaf0d67f mac wlan-profile-name Smart\_Devices description "Anshiha rajBIPP oneplus"  
username ac97388b7fdd mac wlan-profile-name AV\_Device description "Vallabhi IPAD"  
username ac9738924122 mac wlan-profile-name AV\_Device description "Somapura IPAD"  
username acc0486120e7 mac wlan-profile-name ISB\_Vendor description Pradeep.Nipun  
username b00a8d602566 mac wlan-profile-name Smart\_Devices description "Proffessor melodi"  
username b067b5b1d7af mac wlan-profile-name ISB\_Vendor  
username b40a8d602566 mac wlan-profile-name Smart\_Devices description "Prof Miladi PS5"  
username b43161bcff29 mac wlan-profile-name ISB\_Vendor description "pawankumar avteam"  
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username b4cb57d14199 mac wlan-profile-name ISB\_Vendor description golu\_approvedbycharn  
username b8a25d9a6393 mac wlan-profile-name ISB\_Vendor description "Gurpreet singh Printing room"  
username b8a25dd7a0ed mac wlan-profile-name ISB\_Vendor  
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username b8c75dd7f613 mac wlan-profile-name ISB\_Vendor description "Grocery digital machine"  
username bac1fa37c23d mac wlan-profile-name ISB\_Vendor description BMS-PC-Anoop  
username bc3baf8bdd0b mac wlan-profile-name AV\_Device description "Ipad Gomti"  
username bc838504feed mac wlan-profile-name AV\_Device description "Vallabhi Surface"  
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username bc838519d29e mac wlan-profile-name AV\_Device description "Somapura Surface"  
username bc838525218f mac wlan-profile-name AV\_Device description "Jagaddala Surface"  
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username bc855626f2f0 mac wlan-profile-name ISB\_Vendor description "EDA basement"  
username bc9ebb6adb83 mac wlan-profile-name Smart\_Devices description saumya\_sindhwani  
username bcb863823277 mac wlan-profile-name AV\_Device description "IPAD Vikramshila"  
username bcb86382a6b5 mac wlan-profile-name AV\_Device description "IPAD Vallabhi"  
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username c8fe0f1870fa mac wlan-profile-name ISB\_Vendor description "ASA- Attendance machine"  
username c8fe0f18710d mac wlan-profile-name ISB\_Vendor description "ASA- Attendance machine"  
username c8fe0f18710f mac wlan-profile-name ISB\_Vendor description "ASA- Attendance machine"  
username c8fe0f18711b mac wlan-profile-name ISB\_Vendor description "ASA- Attendance machine"  
username c8fe0f187166 mac wlan-profile-name ISB\_Vendor description "Attendance device"  
username c8fe0f19c273 mac wlan-profile-name ISB\_Vendor description "Attendance device"  
username c8fe0f19c2a8 mac wlan-profile-name ISB\_Vendor description "Attendance device"  
username ccd31e68841c mac wlan-profile-name ISB\_Vendor description "SDR EDC Credit card swipe machin"  
username ccd31e68cfe5 mac wlan-profile-name ISB\_Vendor description "SDR EDC Credit card swipe machin"  
username d03745f28be1 mac wlan-profile-name ISB\_Vendor description "Wellness centre - Doctor"  
username d03faae89408 mac wlan-profile-name ISB\_Vendor description "Aman AV"  
username d41a3ffd56f7 mac wlan-profile-name Smart\_Devices description FH-001  
username d42fca6ca949 mac wlan-profile-name ISB\_Vendor description "Rajesh chief"  
username d4389c811c26 mac wlan-profile-name ISB\_Vendor description Munish-ITCS  
username d485643553b7 mac wlan-profile-name AV\_Device description "Commercial printer"  
username d4bafa39c631 mac wlan-profile-name ISB\_Vendor description "Sunny saloon"  
username d4bed9cc1aba mac wlan-profile-name ISB\_Vendor description Sarovar\_exegh\_moh\_Gurmeet  
username d4ecab8032f3 mac wlan-profile-name ISB\_Vendor description "Samrat-AV team"  
username d80e2940bdeb mac wlan-profile-name ISB\_Vendor description "RAMANA Nipun"  
username d832e3e167ba mac wlan-profile-name ISB\_Vendor description "Vikas Kanwar AV"  
username d89c676c7671 mac wlan-profile-name ISB\_Vendor description "Deepak Laptop"  
username d8c0a618bf81 mac wlan-profile-name AV\_Device description "Nalanda TV"  
username d8c0a618bf89 mac wlan-profile-name AV\_Device description "Nalanda Front Screen(Left side)"  
username d8c0a6488f1b mac wlan-profile-name Smart\_Devices description "Sashvi-CAS department"  
username dc528554d208 mac wlan-profile-name Smart\_Devices description "Abhitesh AV"  
username dcb72ec4cc5e mac wlan-profile-name ISB\_Vendor description "Sunny (Printer)"  
username e013b5ab1ea5 mac wlan-profile-name ISB\_Vendor description KuldeepSingmaingate  
username e076d01b6b16 mac wlan-profile-name ISB\_Vendor description "SDR EDC Credit card swipe machin"  
username e0925c878cbb mac wlan-profile-name ISB-GOLDMAN description "nitish IPhone"  
username e0b9bab5d6d0 mac wlan-profile-name AV\_Device description "IPad Ravi Satluj"  
username e0b9baba45bd mac wlan-profile-name AV\_Device description "IPad Boardroom"  
username e0b9babcfec1 mac wlan-profile-name AV\_Device description "Kosi IP pad"  
username e40cfdadd789 mac wlan-profile-name Smart\_Devices description "Sachin AV"  
username e4f1d429e7df mac wlan-profile-name ISB\_Vendor description "Mr. Akshay (AV Team)"  
username e85a8b64cb81 mac wlan-profile-name ISB\_Vendor description "AV Team - Mr. Snatan"  
username e85a8b8a67c5 mac wlan-profile-name Smart\_Devices description Anjali\_bharti  
username e88da64dfbd1 mac wlan-profile-name ISB\_Vendor description "POS Device at Grocery store"  
username e89eb4060337 mac wlan-profile-name ISB\_Vendor description Sarovar\_exegh\_moh\_gurmeet  
username e8f408f592d1 mac wlan-profile-name AV\_Device description "Magic info server"  
username ec265158c637 mac wlan-profile-name AV\_Device description "Takshashila IP"  
username ec26515c00f8 mac wlan-profile-name AV\_Device description "IT-AV (ipad)"  
username ec6c9fc2dc64 mac wlan-profile-name Smart\_Devices description JALTRANGA4\_2022  
username ec6c9fc2e0dd mac wlan-profile-name AV\_Device description "Shankha meeting room PC"  
username ec6c9fc82cef mac wlan-profile-name Smart\_Devices description JALTRANGA2\_2022  
username ec6c9fc82cf4 mac wlan-profile-name Smart\_Devices description JALTRANGA\_202  
username ec6c9fc82cf5 mac wlan-profile-name Smart\_Devices description JALTRANGA\_2022  
username f0a73129c3f7 mac wlan-profile-name ISB\_Vendor description "EDA DESK2"  
username f4022353ce30 mac wlan-profile-name ISB\_Vendor description Suraj\_POS  
username f43bd885a395 mac wlan-profile-name Unavailable(18) description "Nitish PC"  
username f44637971ec2 mac wlan-profile-name Smart\_Devices description "Mr. Rohit- Testing (Opera. Devic"  
username f4beec52901f mac wlan-profile-name ISB\_Vendor description AV-Amandeep  
username f4cae7885cea mac wlan-profile-name AV\_Device description "Audi LG Signage"  
username f4cae7885d4c mac wlan-profile-name AV\_Device description "Ratanagiri LG Signage"  
username f4f5db83d0d3 mac wlan-profile-name ISB\_Vendor description "Gurmeet sarovar"  
username f84d8961bf77 mac wlan-profile-name Smart\_Devices description "class room"  
username fa2015a3fb1b mac wlan-profile-name AV\_Device description Shankaracharya  
username fc02963c6aac mac wlan-profile-name ISB\_Vendor description "AV-Team Ravi Saini"  
username fc02965ff5e2 mac wlan-profile-name ISB\_Vendor description "Varun-AV team"  
username f84288038b12 mac wlan-profile-name ioc  
username 6c410ecdbc0c mac  
username 4c:82:a9:38:49:66 mac wlan-profile-name LAB\_access description M.Deepak-  
username 10-5b-ad-3f-ad-4d mac wlan-profile-name LAB\_access description S.Puneeth-  
username 94-e7-0b-f8-fc-96 mac wlan-profile-name LAB\_access description Ch.Navya-.  
username a86daaabf757 mac wlan-profile-name LAB\_access description yash  
username f854f691cb31 mac wlan-profile-name LAB\_access description Balu  
username f854.f691.cb31 mac wlan-profile-name LAB\_access  
username 90:09:df:90:ce:be mac wlan-profile-name LAB\_access  
username b0a460f6323b mac wlan-profile-name LAB\_access  
username 9009df90cebe mac aaa attribute list wlan\_lobby\_access wlan-profile-name BYOD-TEST description Gopi  
username space privilege 15 password 0 Nipun@123  
username Nview privilege 15 secret 9 $9$3EwL2VEL3/ME1k$RAGavlZPdag7rOfp73P3G2icbIbEjbOQm/UpQR73BWA  
username 000c29715189 mac aaa attribute list cmx\_000C29715189  
username ajay privilege 15 password 0 Nipun@123  
!  
redundancy  
 mode sso  
!  
crypto engine compliance shield disable  
!  
!  
!  
!  
!  
vlan internal allocation policy ascending  
!  
vlan 10  
 name EMP  
!  
vlan 400  
 name Wireless  
!  
vlan 600  
 name 600  
!  
!  
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 Youtube\_Block1\_AVC\_UI\_CLASS  
 description Youtube\_Block1\_AVC\_UI\_CLASS UI\_policy\_DO\_NOT\_CHANGE  
 match protocol youtube  
!  
!  
policy-map type control subscriber Local\_Profiling\_Map  
 event identity-update match-all  
 1 class always do-until-failure  
 1 map attribute-to-service table Local\_Profiling\_Map-param  
!  
policy-map Youtube\_Block  
 class Youtube\_Block1\_AVC\_UI\_CLASS  
 police cir 8000  
 conform-action drop   
 exceed-action drop   
!  
!   
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!   
!   
!  
!  
interface GigabitEthernet1  
 switchport trunk native vlan 100  
 switchport mode trunk  
 negotiation auto  
!  
interface GigabitEthernet2  
 switchport access vlan 400  
 negotiation auto  
!  
interface GigabitEthernet3  
 negotiation auto  
!  
interface Vlan1  
 no ip address  
 no ip proxy-arp  
 shutdown  
!  
interface Vlan400  
 ip address 172.16.0.248 255.255.254.0  
 no ip proxy-arp  
!  
ip default-gateway 172.31.1.100  
ip forward-protocol nd  
ip http server  
ip http authentication local  
ip http secure-server  
ip http tls-version TLSv1.3   
ip http secure-trustpoint LAB-WLC\_WLC\_TP  
ip http client source-interface Vlan400  
!  
ip route 0.0.0.0 0.0.0.0 172.16.0.100  
ip route 0.0.0.0 0.0.0.0 172.31.1.100 2  
ip ssh bulk-mode 131072  
ip ssh source-interface Vlan400  
ip scp server enable  
!  
ip access-list extended ISE-Posture-redirect  
 10 permit tcp any any eq www  
 20 deny udp any any eq bootps  
 30 deny udp any any eq domain  
 40 deny ip any host 172.31.1.224  
ip access-list extended MDM\_Redirect  
 10 deny ip any host 172.31.1.224  
 20 deny ip host 172.31.1.224 any  
 30 deny udp any any eq domain  
 40 deny udp any eq domain any  
 50 permit tcp any any eq www  
ip access-list extended Posture\_Compliant\_ACL  
 10 permit tcp any any  
ip access-list extended Posture\_Redirect\_ACL  
 10 deny ip any host 172.31.1.224  
 20 deny ip host 172.31.1.224 any  
 30 deny udp any any eq domain  
 40 deny udp any eq domain any  
 50 permit tcp any any eq www  
ip access-list extended Posture\_non-compliant\_ACL  
 10 permit ip host 172.31.1.224 any  
 20 permit ip any host 172.31.1.224  
 30 permit udp any any eq domain  
 40 permit udp any eq domain any  
 50 deny ip any any  
ip access-list extended Redirect  
 1 permit tcp any any eq www  
 2 permit tcp any any eq 443  
ip access-list extended mdm  
 1 permit tcp any any  
 2 permit udp any any  
ip radius source-interface Vlan400   
logging source-interface Vlan400  
logging host 172.16.0.96  
ip access-list standard 10  
 1 permit 192.168.20.28  
snmp-server group Nview v3 auth read Nview write Nview   
snmp-server group Nview v3 priv read Nview   
snmp-server group default v3 priv   
snmp-server group Utora-agent v3 auth   
snmp-server view Nview mib-2 included  
snmp-server view Nview cisco included  
snmp-server view Utora-agent cisco included  
snmp-server trap-source Vlan400  
snmp-server enable traps snmp authentication linkdown linkup coldstart warmstart  
snmp-server enable traps vrrp  
snmp-server enable traps pfr  
snmp-server enable traps flowmon  
snmp-server enable traps entity-perf throughput-notif  
snmp-server enable traps wiredguest wired\_guest  
snmp-server enable traps wireless bsnMobileStation bsnAutoRF bsnGeneral rogue MESH wireless\_mobility RRM SI tunnel  
snmp-server enable traps call-home message-send-fail server-fail  
snmp-server enable traps tty  
snmp-server enable traps casa  
snmp-server enable traps ospf state-change  
snmp-server enable traps ospf errors  
snmp-server enable traps ospf retransmit  
snmp-server enable traps ospf lsa  
snmp-server enable traps ospf cisco-specific state-change nssa-trans-change  
snmp-server enable traps ospf cisco-specific state-change shamlink interface  
snmp-server enable traps ospf cisco-specific state-change shamlink neighbor  
snmp-server enable traps ospf cisco-specific errors  
snmp-server enable traps ospf cisco-specific retransmit  
snmp-server enable traps ospf cisco-specific lsa  
snmp-server enable traps eigrp  
snmp-server enable traps adslline  
snmp-server enable traps vdsl2line  
snmp-server enable traps smart-license  
snmp-server enable traps ethernet evc status create delete  
snmp-server enable traps ether-oam  
snmp-server enable traps ethernet cfm cc mep-up mep-down cross-connect loop config  
snmp-server enable traps ethernet cfm crosscheck mep-missing mep-unknown service-up  
snmp-server enable traps auth-framework sec-violation  
snmp-server enable traps entity-qfp mem-res-thresh throughput-notif  
snmp-server enable traps entity-state  
snmp-server enable traps vtp  
snmp-server enable traps vlancreate  
snmp-server enable traps vlandelete  
snmp-server enable traps bgp cbgp2 state-changes all backward-trans limited updown-limited  
snmp-server enable traps bgp cbgp2 threshold prefix  
snmp-server enable traps dlsw  
snmp-server enable traps entity-sensor  
snmp-server enable traps resource-policy  
snmp-server enable traps flash insertion removal lowspace  
snmp-server enable traps nhrp nhs  
snmp-server enable traps nhrp nhc  
snmp-server enable traps nhrp nhp  
snmp-server enable traps nhrp quota-exceeded  
snmp-server enable traps ipsla  
snmp-server enable traps cnpd  
snmp-server enable traps entity-diag boot-up-fail hm-test-recover hm-thresh-reached scheduled-test-fail  
snmp-server enable traps cef resource-failure peer-state-change peer-fib-state-change inconsistency  
snmp-server enable traps memory bufferpeak  
snmp-server enable traps config-copy  
snmp-server enable traps config  
snmp-server enable traps config-ctid  
snmp-server enable traps dhcp  
snmp-server enable traps fru-ctrl  
snmp-server enable traps entity  
snmp-server enable traps event-manager  
snmp-server enable traps frame-relay  
snmp-server enable traps frame-relay subif  
snmp-server enable traps pimstdmib neighbor-loss invalid-register invalid-join-prune rp-mapping-change interface-election  
snmp-server enable traps ipmulticast  
snmp-server enable traps ip local pool  
snmp-server enable traps msdp  
snmp-server enable traps mvpn  
snmp-server enable traps ospfv3 state-change  
snmp-server enable traps ospfv3 errors  
snmp-server enable traps pim neighbor-change rp-mapping-change invalid-pim-message  
snmp-server enable traps pppoe  
snmp-server enable traps cpu threshold  
snmp-server enable traps rsvp  
snmp-server enable traps l2tun session  
snmp-server enable traps l2tun pseudowire status  
snmp-server enable traps l2tun tunnel  
snmp-server enable traps aaa\_server  
snmp-server enable traps atm subif  
snmp-server enable traps pki  
snmp-server enable traps ike policy add  
snmp-server enable traps ike policy delete  
snmp-server enable traps ike tunnel start  
snmp-server enable traps ike tunnel stop  
snmp-server enable traps ipsec cryptomap add  
snmp-server enable traps ipsec cryptomap delete  
snmp-server enable traps ipsec cryptomap attach  
snmp-server enable traps ipsec cryptomap detach  
snmp-server enable traps ipsec tunnel start  
snmp-server enable traps ipsec tunnel stop  
snmp-server enable traps ipsec too-many-sas  
snmp-server enable traps gdoi gm-start-registration  
snmp-server enable traps gdoi gm-registration-complete  
snmp-server enable traps gdoi gm-re-register  
snmp-server enable traps gdoi gm-rekey-rcvd  
snmp-server enable traps gdoi gm-rekey-fail  
snmp-server enable traps gdoi ks-rekey-pushed  
snmp-server enable traps gdoi gm-incomplete-cfg  
snmp-server enable traps gdoi ks-no-rsa-keys  
snmp-server enable traps gdoi ks-new-registration  
snmp-server enable traps gdoi ks-reg-complete  
snmp-server enable traps gdoi ks-role-change  
snmp-server enable traps gdoi ks-gm-deleted  
snmp-server enable traps gdoi ks-peer-reachable  
snmp-server enable traps gdoi ks-peer-unreachable  
snmp-server enable traps dsp card-status  
snmp-server enable traps dsp oper-state  
snmp-server enable traps dsp video-usage  
snmp-server enable traps dsp video-out-of-resource  
snmp-server enable traps frame-relay multilink bundle-mismatch  
snmp-server enable traps syslog  
snmp-server enable traps mpls rfc ldp  
snmp-server enable traps mpls ldp  
snmp-server enable traps mpls rfc traffic-eng  
snmp-server enable traps mpls traffic-eng  
snmp-server enable traps mpls fast-reroute protected  
snmp-server enable traps bfd  
snmp-server enable traps otn  
snmp-server enable traps pw vc  
snmp-server enable traps lisp  
snmp-server enable traps dial  
snmp-server enable traps sbc adj-status  
snmp-server enable traps sbc blacklist  
snmp-server enable traps sbc congestion-alarm  
snmp-server enable traps sbc h248-ctrlr-status  
snmp-server enable traps sbc media-source  
snmp-server enable traps sbc radius-conn-status  
snmp-server enable traps sbc sla-violation  
snmp-server enable traps sbc sla-violation-rev1  
snmp-server enable traps sbc svc-state  
snmp-server enable traps sbc qos-statistics  
snmp-server enable traps ethernet cfm alarm  
snmp-server enable traps vlan-membership  
snmp-server enable traps alarms informational  
snmp-server enable traps rf  
snmp-server enable traps transceiver all  
snmp-server enable traps bulkstat collection transfer  
snmp-server enable traps vrfmib vrf-up vrf-down vnet-trunk-up vnet-trunk-down  
snmp-server enable traps mpls vpn  
snmp-server enable traps mpls rfc vpn  
snmp-server enable traps voice  
snmp-server host 172.31.1.233 version 3 auth Utora-agent   
snmp-server host 172.16.0.96 version 3 priv dnac   
snmp-server host 172.16.0.248 version 3 auth nviewuser   
snmp-server manager  
!  
!  
!  
!  
control-plane  
!  
!  
!  
!  
!  
banner login ^CC^C  
!  
line con 0  
 stopbits 1  
line vty 0 4  
 length 0  
 transport input ssh  
line vty 5 15  
 transport input ssh  
!  
!  
!  
!  
!  
!  
!  
telemetry ietf subscription 122  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ble\_ltx\_ap  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 123  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/dot15\_global\_config  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 124  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/dot15\_global\_config  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 125  
 encoding encode-tdl  
 filter tdl-transform ewlc-ble  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 126  
 encoding encode-tdl  
 filter tdl-transform connector-capwap  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 127  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/capwap\_data  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 128  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ap\_air\_quality  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 129  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ap\_temp  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 130  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ap\_temp  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 60000  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 131  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ap\_sensor\_status  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 132  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ap\_sensor\_status  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 60000  
 receiver ip address 192.168.5.111 8004 protocol cloud-native  
telemetry ietf subscription 750  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_emul\_oper/environment\_sensor  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1011  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/wlan\_config  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1012  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/wlanpolicies  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1013  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/wlanpolicies;policy\_profile\_name=temp\_policy\_profile/atfpolicymap  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1014  
 encoding encode-tdl  
 filter nested-uri /services;serviceName=ewlc/policylist  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1016  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/site\_tag\_config  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1017  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=iosevent/q\_flash\_fault  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1018  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=iosevent/q\_sdcard\_fault  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1019  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=iosevent/platform\_sensor\_state\_update  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1020  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=iosevent/install\_status  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1051  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/wlan\_config  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1052  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/wlanpolicies  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1053  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/wlanpolicies;policy\_profile\_name=temp\_policy\_profile/atfpolicymap  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1054  
 encoding encode-tdl  
 filter nested-uri /services;serviceName=ewlc/policylist  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 1056  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/site\_tag\_config  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2011  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlcevent/wsaapevent  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2112  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/oper\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2113  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/capwap\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2114  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/radio\_oper\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2115  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/capwap\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2116  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/spectrum\_aq\_table  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2120  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ethernet\_if\_stats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2121  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/rrmAPautoRfdot11Data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2122  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/rrm\_measurement  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2125  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper\_emul/emltdApRf  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 17000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2126  
 encoding encode-tdl  
 filter tdl-transform dfsRadarCounters  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2154  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/radio\_oper\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 361000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2155  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ewlcRadioOperBand  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2156  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ewlcRadioOperBand  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2157  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/apdot11SpectrumData  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2158  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/apdot11SpectrumData  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2159  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/cdp\_cache\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2160  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/cdp\_cache\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2161  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper\_emul/emltdLradIfLoadParameters  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 300000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2162  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/spectrum\_device\_table  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2163  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/mesh\_tree\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2164  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/mesh\_neigh  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 2165  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/mesh\_oper\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3011  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/common\_oper\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 359000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3012  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/dot11\_oper\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3013  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/smMainData  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3014  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/lisp\_agent\_client\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3016  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/mobility\_oper\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 390000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3017  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/sisf\_db\_mac  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 380000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3111  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/traffic\_stats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 9000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3113  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/client\_wsa\_info  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3114  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/location\_rssi\_measurements  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3115  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlcevent/wsaclientscanreportevent  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3211  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlcevent/wsaclientevent  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3212  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/dc\_info  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3213  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/dc\_info  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 370000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3214  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/policy\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3215  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/policy\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 3216  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/traffic\_distribution\_airtime\_latency  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 4321  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper\_emul/emltdAaaServersStat  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 4322  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper\_emul/emltd\_sisf\_dhcpv4\_relay\_stats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5011  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_emul\_oper/device\_hardware;singleton\_id=0?device\_system\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5012  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_oper/ha\_infra  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5013  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_emul\_oper/device\_hardware;singleton\_id=0/device\_inventory  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5015  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_emul\_oper/smart\_license\_state;singleton\_id=0/smart\_license\_usage  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5016  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_oper/ha\_infra  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 180000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5017  
 encoding encode-tdl  
 filter nested-uri /services;serviceName=sman\_oper/control\_process;fru=BINOS\_FRU\_RP;slotnum=0;baynum=0;chassisnum=1?plat\_core\_stats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5018  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_emul\_oper/entity\_information  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5019  
 encoding encode-tdl  
 filter nested-uri /services;serviceName=ios\_oper/platform\_component;cname=\"Slot\"?platform\_properties  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5020  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_oper/platform\_component  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5112  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ios\_emul\_oper/interface  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5115  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=sman\_oper/control\_process  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5117  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper\_emul/client\_global\_stats\_data;singleton\_id=0  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5118  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper\_emul/emltd\_join\_count\_stat;singleton\_id=0  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5119  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/lisp\_agent\_ms\_msg\_stats\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 5120  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc/dot11  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 6001  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/radioWsaInfo  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 900000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 6002  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/radio\_reset\_stats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 1800000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 6004  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/rrmRadSlot  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 1800000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 6005  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/radio\_oper\_stats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 6007  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/rrmCoverage  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 6008  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/feature\_usage  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 3000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7000  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/icapApSrvcStats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7001  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/device\_analytics\_wsa\_info  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7002  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/mobility\_global\_stats  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7003  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/client\_rejection\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 30000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7100  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ewlc\_afc\_ap\_resp  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7101  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/radio\_oper\_ext\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7102  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ewlc\_afc\_ap\_resp  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 7103  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/radio\_oper\_ext\_data  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 360000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 8882  
 encoding encode-tdl  
 filter tdl-transform trustSecCounterDelta  
 receiver-type protocol  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 90000  
 receiver name DNAC\_ASSURANCE\_RECEIVER  
telemetry ietf subscription 476323411  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/rrmAPautoRfdot11Data  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 2160000  
 receiver ip address 192.168.5.111 8184 protocol cloud-native  
telemetry ietf subscription 476323412  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ap\_sensor\_cache  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8184 protocol cloud-native  
telemetry ietf subscription 476323413  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/ap\_ranging\_data  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8184 protocol cloud-native  
telemetry ietf subscription 476323414  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=wncloudm\_oper/ap\_gnss\_loc\_data  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 2160000  
 receiver ip address 192.168.5.111 8184 protocol cloud-native  
telemetry ietf subscription 476323417  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlcevent/geo\_loc\_asc\_meas  
 source-address 172.16.0.248  
 stream native  
 update-policy on-change  
 receiver ip address 192.168.5.111 8184 protocol cloud-native  
telemetry ietf subscription 476323418  
 encoding encode-tdl  
 filter tdl-uri /services;serviceName=ewlc\_oper/cdp\_cache\_data  
 source-address 172.16.0.248  
 stream native  
 update-policy periodic 2160000  
 receiver ip address 192.168.5.111 8184 protocol cloud-native  
telemetry receiver protocol DNAC\_ASSURANCE\_RECEIVER  
 host ip-address 172.16.0.96 25103  
 protocol tls-native profile sdn-network-infra-iwan  
telemetry transform ewlc-ble  
 input table ble\_ltx\_ap  
 field admin  
 field capability  
 field scan\_config  
 field feature\_mode  
 field device\_status  
 field profile\_ibeacon  
 field profile\_eddy\_uid  
 field profile\_eddy\_url  
 field profile\_vibeacons  
 field host\_data.active\_profile  
 join-key ap\_mac  
 logical-op and  
 type mandatory  
 uri /services;serviceName=ewlc\_oper/ble\_ltx\_ap  
 operation 1  
 filter 1  
 event on-change  
 field ble\_ltx\_ap.admin  
 logical-op next or  
 logical-op or  
 filter 2  
 event on-change  
 field ble\_ltx\_ap.scan\_config  
 logical-op next or  
 logical-op or  
 filter 3  
 event on-change  
 field ble\_ltx\_ap.profile\_ibeacon  
 logical-op next or  
 logical-op or  
 filter 4  
 event on-change  
 field ble\_ltx\_ap.profile\_eddy\_url  
 logical-op next or  
 logical-op or  
 filter 5  
 event on-change  
 field ble\_ltx\_ap.profile\_eddy\_uid  
 logical-op next or  
 logical-op or  
 filter 6  
 event on-change  
 field ble\_ltx\_ap.profile\_vibeacons  
 logical-op next or  
 logical-op or  
 filter 7  
 event on-change  
 field ble\_ltx\_ap.feature\_mode  
 logical-op next or  
 logical-op or  
 filter 8  
 event on-change  
 field ble\_ltx\_ap.device\_status  
 logical-op next or  
 logical-op or  
 filter 9  
 event on-change  
 field ble\_ltx\_ap.capability  
 logical-op next or  
 logical-op or  
 filter 10  
 condition operator eq  
 condition value BLE\_LTX\_PROFILE\_NO\_ADV  
 field ble\_ltx\_ap.host\_data.active\_profile  
 logical-op or  
telemetry transform connector-capwap  
 input table capwap\_data  
 field name  
 field ip\_addr  
 field device\_detail.wtp\_version.sw\_version  
 field device\_detail.static\_info.ap\_capability  
 join-key wtp\_mac  
 logical-op and  
 type mandatory  
 uri /services;serviceName=ewlc\_oper/capwap\_data  
 operation 1  
 filter 1  
 event on-change  
 field capwap\_data.name  
 logical-op next or  
 logical-op or  
 filter 2  
 event on-change  
 field capwap\_data.ip\_addr  
 logical-op next or  
 logical-op or  
 filter 3  
 event on-change  
 field capwap\_data.device\_detail.wtp\_version.sw\_version  
 logical-op next or  
 logical-op or  
 filter 4  
 event on-change  
 field capwap\_data.device\_detail.static\_info.ap\_capability  
 logical-op next or  
 logical-op or  
telemetry transform dfsRadarCounters  
 input table apdot11RadarData  
 field wtp\_mac  
 field radio\_slot\_id  
 field dfs\_cisco\_ip\_cnt  
 field dfs\_triggered\_cnt  
 field dfs\_serving\_rad\_cnt  
 field dfs\_stats\_last\_updated  
 join-key radio\_slot\_key\_t  
 logical-op and  
 type mandatory  
 uri /services;serviceName=ewlc\_oper/apdot11RadarData  
 operation 1  
 filter 1  
 event on-change  
 field apdot11RadarData.dfs\_stats\_last\_updated  
 output-field 1  
 field apdot11RadarData.dfs\_cisco\_ip\_cnt  
 output-field 2  
 field apdot11RadarData.dfs\_triggered\_cnt  
 output-field 3  
 field apdot11RadarData.dfs\_serving\_rad\_cnt  
 output-field 4  
 field apdot11RadarData.wtp\_mac  
 output-field 5  
 field apdot11RadarData.radio\_slot\_id  
 output-field 6  
 field apdot11RadarData.dfs\_stats\_last\_updated  
 specified  
telemetry transform trustSecCounterDelta  
 input table cts\_rolebased\_policy  
 field dst\_sgt  
 field src\_sgt  
 field sgacl\_name  
 field monitor\_mode  
 field num\_of\_sgacl  
 field policy\_life\_time  
 field total\_deny\_count  
 field last\_updated\_time  
 field total\_permit\_count  
 join-key cts\_role\_based\_policy\_key  
 logical-op and  
 type mandatory  
 uri /services;serviceName=ios\_emul\_oper/cts\_rolebased\_policy  
 operation 1  
 output-field 1  
 field cts\_rolebased\_policy.src\_sgt  
 output-field 2  
 field cts\_rolebased\_policy.dst\_sgt  
 output-field 3  
 field cts\_rolebased\_policy.total\_permit\_count  
 output-op type delta  
 output-field 4  
 field cts\_rolebased\_policy.total\_deny\_count  
 output-op type delta  
 output-field 5  
 field cts\_rolebased\_policy.sgacl\_name  
 output-field 6  
 field cts\_rolebased\_policy.monitor\_mode  
 output-field 7  
 field cts\_rolebased\_policy.num\_of\_sgacl  
 output-field 8  
 field cts\_rolebased\_policy.policy\_life\_time  
 output-field 9  
 field cts\_rolebased\_policy.last\_updated\_time  
 specified  
wireless aaa policy default-aaa-policy  
 nas-id option1 ssid  
wireless cts-sxp profile default-sxp-profile  
wireless management trustpoint LAB-WLC\_WLC\_TP  
wireless management interface Vlan400  
wireless profile airtime-fairness default-atf-policy 0  
wireless profile dot11be default-dot11be-profile  
 description "Default 802.11be profile"  
wireless profile flex default-flex-profile  
 acl-policy redirect  
 central-webauth  
 description "default flex profile"  
wireless profile mesh default-mesh-profile  
 description "default mesh profile"  
wireless profile multi-bssid default-multi-bssid-profile  
 description "Default multi bssid profile"  
wireless profile radio default-radio-profile  
 description "Preconfigured default radio profile"  
wireless profile policy "lab 1"  
 description "lab 1"  
 vlan MGMT  
 no shutdown  
wireless profile policy BYOD\_TEST  
 aaa-override  
 description BYOD\_TEST  
 nac  
 vlan MGMT  
 no shutdown  
wireless profile policy LAB-Policy  
 idle-timeout 600  
 ipv4 flow monitor wireless-avc-basic input  
 ipv4 flow monitor wireless-avc-basic output  
 ipv6 flow monitor wireless-avc-basic-ipv6 input  
 ipv6 flow monitor wireless-avc-basic-ipv6 output  
 session-timeout 86400  
 vlan Wireless  
 no shutdown  
wireless profile policy N-MOB-POLICY  
 aaa-override  
 accounting-list Accounting  
 description N-MOB-POLICY  
 nac  
 vlan MGMT  
 no shutdown  
wireless profile policy FTD\_Test\_SSID  
 description FTD\_Test\_SSID  
 vlan MGMT  
 no shutdown  
wireless profile policy Client-profile  
 vlan MGMT  
 no shutdown  
wireless profile policy Wireless\_Guest  
 aaa-override  
 accounting-list Accounting  
 nac  
 session-timeout 86000  
 vlan MGMT  
 no shutdown  
wireless profile policy LAB\_access\_policy  
 aaa-override  
 description LAB\_access\_policy  
 ipv4 dhcp required  
 vlan MGMT  
 no shutdown  
wireless profile policy default-policy-profile  
 aaa-override  
 description "default policy profile"  
 ipv4 flow monitor wireless-avc-basic input  
 ipv4 flow monitor wireless-avc-basic output  
 ipv6 flow monitor wireless-avc-basic-ipv6 input  
 ipv6 flow monitor wireless-avc-basic-ipv6 output  
 nac  
 service-policy input Youtube\_Block  
 service-policy output Youtube\_Block  
 subscriber-policy-name Local\_Profiling\_Map  
 vlan MGMT  
 no shutdown  
wireless tag site NET\_AP  
 ap-profile NET\_AP  
 description NET\_AP  
 fabric control-plane default-control-plane  
wireless tag site default-site-tag  
 description "default site tag"  
wireless tag site "default-site -tag"  
 description default-site-tag  
wireless tag policy Test  
 description Test  
wireless tag policy LAB-TAG  
 wlan ISE policy Wireless\_Guest  
 wlan LAB policy LAB-Policy  
 wlan BYOD policy LAB-Policy  
 wlan Test policy LAB-Policy  
 wlan N\_MOB policy Wireless\_Guest  
 wlan Sponsor policy Wireless\_Guest  
 wlan Test-web policy LAB-Policy  
 wlan BYOD-TEST policy Wireless\_Guest  
 wlan LAB\_access policy Wireless\_Guest  
 wlan Posture\_demo policy Wireless\_Guest  
 wlan FTD\_Test\_SSID policy FTD\_Test\_SSID  
wireless tag policy default-policy-tag  
 description "default policy-tag"  
 wlan SSID policy LAB-Policy  
wireless tag rf NET\_AP  
 24ghz-rf-policy Low\_Client\_Density\_rf\_24gh  
 5ghz-rf-policy "40 MGH"  
 description NET\_AP  
wireless tag rf default-rf-tag  
 description "default RF tag"  
wireless wps rogue network-assurance enable  
wireless mgmt-via-wireless  
wireless wps mfp  
wireless wps mfp ap-impersonation  
wireless fabric control-plane default-control-plane  
 description "default control plane name"  
wireless feature-usage enable  
wireless country IN  
nmsp enable  
urlfilter list MDM  
 action permit  
 url \*.google.com  
wlan ISE 3 ISE-Self  
 mac-filtering Authorization  
 radio policy dot11 24ghz  
 radio policy dot11 5ghz  
 no security ft adaptive  
 no security wpa  
 no security wpa wpa2  
 no security wpa wpa2 ciphers aes  
 no security wpa akm dot1x  
 security web-auth authentication-list default  
 security web-auth parameter-map global  
wlan LAB 1 N-LAB  
 band-select  
 security wpa psk set-key ascii 0 Nipun@123  
 no security wpa akm dot1x  
 security wpa akm psk  
 no shutdown  
wlan N\_MOB 11 N-Mobile  
 mac-filtering Authorization  
 no security ft adaptive  
 no security wpa  
 no security wpa wpa2  
 no security wpa wpa2 ciphers aes  
 no security wpa akm dot1x  
wlan Hotspot 5 ISE-Hotspot  
 mac-filtering Authorization  
 no security ft adaptive  
 no security wpa  
 no security wpa wpa2  
 no security wpa wpa2 ciphers aes  
 no security wpa akm dot1x  
 security web-auth authentication-list default  
 security web-auth parameter-map global  
wlan Sponsor 4 ISE-Sponsor  
 mac-filtering Authorization  
 no security ft adaptive  
 no security wpa  
 no security wpa wpa2  
 no security wpa wpa2 ciphers aes  
 no security wpa akm dot1x  
 security web-auth authentication-list default  
 security web-auth parameter-map global  
wlan BYOD-DEMO 6 BYOD-DEMO  
 no shutdown  
wlan FTD\_Test\_SSID 2 FTD\_Test\_SSID  
 band-select  
 security wpa psk set-key ascii 0 Nipun@123  
 no security wpa akm dot1x  
 security wpa akm psk  
network-assurance enable  
network-assurance icap server port 32626  
network-assurance url https://172.16.0.96  
ap dot11 24ghz rf-profile Low\_Client\_Density\_rf\_24gh  
 coverage data rssi threshold -90  
 coverage level 2  
 coverage voice rssi threshold -90  
 description "pre configured Low Client Density rfprofile for 2.4gh radio"  
 high-density rx-sop threshold low  
 rate RATE\_12M supported  
 rate RATE\_24M supported  
 rate RATE\_6M supported  
 tx-power v1 threshold -65  
 no shutdown  
ap dot11 24ghz rf-profile High\_Client\_Density\_rf\_24gh  
 description "pre configured High Client Density rfprofile for 2.4gh radio"  
 high-density rx-sop threshold medium  
 rate RATE\_11M disable  
 rate RATE\_12M mandatory  
 rate RATE\_1M disable  
 rate RATE\_24M supported  
 rate RATE\_2M disable  
 rate RATE\_5\_5M disable  
 rate RATE\_6M disable  
 tx-power min 7  
 no shutdown  
ap dot11 24ghz rf-profile Typical\_Client\_Density\_rf\_24gh  
 description "pre configured Typical Client Density rfprofile for 2.4gh radio"  
 rate RATE\_11M disable  
 rate RATE\_12M mandatory  
 rate RATE\_1M disable  
 rate RATE\_24M supported  
 rate RATE\_2M disable  
 rate RATE\_5\_5M disable  
 rate RATE\_6M disable  
 no shutdown  
ap dot11 24ghz rrm channel dca interval 24  
ap dot11 24ghz SI  
ap dot11 24ghz cleanair alarm air-quality  
ap dot11 24ghz cleanair alarm device  
ap dot11 24ghz cleanair alarm device ble-beacon  
ap dot11 24ghz cleanair alarm device bt-discovery  
ap dot11 24ghz cleanair alarm device bt-link  
ap dot11 24ghz cleanair alarm device canopy  
ap dot11 24ghz cleanair alarm device cont-tx  
ap dot11 24ghz cleanair alarm device dect-like  
ap dot11 24ghz cleanair alarm device fh  
ap dot11 24ghz cleanair alarm device inv  
ap dot11 24ghz cleanair alarm device jammer  
ap dot11 24ghz cleanair alarm device mw-oven  
ap dot11 24ghz cleanair alarm device nonstd  
ap dot11 24ghz cleanair alarm device si\_fhss  
ap dot11 24ghz cleanair alarm device superag  
ap dot11 24ghz cleanair alarm device tdd-tx  
ap dot11 24ghz cleanair alarm device video  
ap dot11 24ghz cleanair alarm device wimax-fixed  
ap dot11 24ghz cleanair alarm device wimax-mobile  
ap dot11 24ghz cleanair alarm device xbox  
ap dot11 24ghz cleanair alarm device zigbee  
ap dot11 24ghz cleanair device ble-beacon  
ap dot11 24ghz rate RATE\_12M supported  
ap dot11 24ghz rate RATE\_24M supported  
ap dot11 24ghz rate RATE\_6M supported  
ap dot11 24ghz rssi-check  
ap dot11 6ghz rf-profile default-rf-profile-6ghz  
 description "default rfprofile for 6GHz radio"  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M mandatory  
 no shutdown  
ap dot11 5ghz rf-profile Low\_Client\_Density\_rf\_5gh  
 coverage data rssi threshold -90  
 coverage level 2  
 coverage voice rssi threshold -90  
 description "pre configured Low Client Density rfprofile for 5gh radio"  
 high-density rx-sop threshold low  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M mandatory  
 tx-power v1 threshold -60  
 no shutdown  
ap dot11 5ghz rf-profile High\_Client\_Density\_rf\_5gh  
 description "pre configured High Client Density rfprofile for 5gh radio"  
 high-density rx-sop threshold medium  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M disable  
 rate RATE\_9M disable  
 tx-power min 7  
 tx-power v1 threshold -65  
 no shutdown  
ap dot11 5ghz rf-profile Typical\_Client\_Density\_rf\_5gh  
 description "pre configured Typical Density rfprofile for 5gh radio"  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M mandatory  
 no shutdown  
ap dot11 5ghz rrm channel dca interval 24  
ap dot11 5ghz SI  
ap dot11 5ghz rrm tpc threshold -50  
ap dot11 5ghz rate RATE\_12M mandatory  
ap dot11 5ghz rate RATE\_24M mandatory  
ap dot11 5ghz rate RATE\_6M mandatory  
ap dot11 6ghz rrm channel dca interval 24  
ap dot11 6ghz rrm monitor measurement 600  
ap country IN  
ap tag persistency enable  
ap cisco-dna token 0 eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJ0aWQiOjE2NDczLCJjaWQiOjQ3NjMyMzQ3ODAxMDgxNjAwMDAwLCJlcCI6IjE5Mi4xNjguNS4xMTE6ODAwMCIsImlhdCI6MTc1MTYyNjIyN30.-4xbY6kCEOhDbBa8gayThnp\_kTxQ7cPca7ERxa-mLso  
no ap dot15 shutdown  
ap tag-source-priority 2 source filter  
ap tag-source-priority 3 source ap  
ap profile default-ap-profile  
 apphost  
 awips  
 awips forensic  
 cisco-dna grpc  
 country IN  
 description "default ap profile"  
 mgmtuser username admin password 0 Nipun@123 secret 0 Nipun@123  
 sensor environment air-quality  
 no shutdown  
 sensor environment temperature  
 no shutdown  
 ssh  
 timezone use-controller  
ap 0849.926f.b100  
ap 6849.926f.48e0  
 policy-tag LAB-TAG  
ap 6849.926f.b100  
 policy-tag LAB-TAG  
ap 6849.926f.c510  
 policy-tag LAB-TAG  
ap 6849.926f.cad0  
 policy-tag LAB-TAG  
ap 6c41.0ecd.bc0c  
 policy-tag LAB-TAG  
netconf-yang  
end

## Nmap Scan Results

Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-08-08 04:52 UTC  
Nmap scan report for 172.16.0.248  
Host is up (0.012s latency).  
Not shown: 1024 closed tcp ports (conn-refused)  
PORT STATE SERVICE  
22/tcp open ssh  
80/tcp open http  
443/tcp open https  
830/tcp open netconf-ssh  
8443/tcp open https-alt  
  
Nmap done: 1 IP address (1 host up) scanned in 3.63 seconds

# Device: PY\_WLC

## Hardening Summary

|  |  |  |  |
| --- | --- | --- | --- |
| Setting | Status | Recommendation | Reason |
| OS Version | Cisco IOS XE Software | Version 17.12.05 | nan |
| SSH Enabled | True | nan | nan |
| SNMPv2 Enabled | False | nan | nan |
| Strong Passwords | True | nan | nan |
| HTTP Disabled | False | no ip http server | HTTP allows unencrypted access |
| HTTPS Disabled | False | no ip http secure-server | Disable if unused |
| Logging Enabled | False | Enable timestamping and logging | Logs are important for auditing |
| SSH Timeout Configured | True | nan | nan |
| SSH Auth Retries Set | False | ip ssh authentication-retries 2 | Default retry count could allow brute force |
| UDLD Enabled | False | udld enable | UDLD prevents unidirectional link issues |
| Interface Descriptions | True | nan | nan |
| WLC HTTP Disabled | False | no ip http server | HTTP allows unencrypted access |
| WLC HTTPS Enabled | True | nan | nan |
| WLC Idle Timeout Set | True | nan | nan |
| nan | nan | nan | nan |
| nan | nan | nan | nan |
| nan | nan | Compliance (%) | 42.86 |
| nan | nan | Risk Status | ⚠️ Device is at RISK |

## Running Configuration

Building configuration...  
  
Current configuration : 19340 bytes  
!  
! Last configuration change at 10:06:24 IST Fri Aug 8 2025 by admin  
!  
version 17.12  
service timestamps debug datetime msec  
service timestamps log datetime msec  
service password-encryption  
platform qfp utilization monitor load 80  
platform sslvpn use-pd  
platform punt-keepalive disable-kernel-core  
platform console virtual  
!  
hostname PY\_WLC  
!  
boot-start-marker  
boot system flash:C9800-CL-mono-universalk9.17.12.05.SPA.pkg  
boot-end-marker  
!  
!  
no aaa new-model  
clock timezone IST 5 30  
clock calendar-valid  
vtp mode off  
!  
!  
!  
!  
!  
!  
!  
ip domain name nipun.local  
!  
!  
!  
no ip igmp snooping vlan 10  
login on-success log  
!  
!  
!  
!  
!  
!  
!  
subscriber templating  
!   
!   
!   
!   
!  
multilink bundle-name authenticated  
!  
!  
!  
!  
!  
pae  
!  
!  
crypto pki server WLC\_CA  
 database archive pkcs12 password 7 0721285C5B0739544541  
 issuer-name O=Cisco Virtual Wireless LAN Controller, CN=CA-vWLC\_PY-WLC  
 grant auto  
 hash sha256  
 lifetime certificate 3652  
 lifetime ca-certificate 3652  
 shutdown  
!  
crypto pki trustpoint TP-self-signed-2819014332  
 enrollment selfsigned  
 subject-name cn=IOS-Self-Signed-Certificate-2819014332  
 revocation-check none  
 rsakeypair TP-self-signed-2819014332  
 hash sha512  
!  
crypto pki trustpoint SLA-TrustPoint  
 enrollment pkcs12  
 revocation-check crl  
 hash sha512  
!  
crypto pki trustpoint WLC\_CA  
 revocation-check crl  
 rsakeypair WLC\_CA  
 hash sha512  
!  
crypto pki trustpoint PY-WLC\_WLC\_TP  
 enrollment url http://172.31.1.200:80  
 serial-number  
 password 7 096247190C0B3743595F  
 subject-name O=Cisco Virtual Wireless LAN Controller, CN=PY-WLC\_WLC\_TP  
 revocation-check crl  
 rsakeypair PY-WLC\_WLC\_TP  
 hash sha256  
 eku request server-auth client-auth   
!  
!  
crypto pki certificate chain TP-self-signed-2819014332  
 certificate self-signed 01  
 30820330 30820218 A0030201 02020101 300D0609 2A864886 F70D0101 0D050030   
 31312F30 2D060355 04030C26 494F532D 53656C66 2D536967 6E65642D 43657274   
 69666963 6174652D 32383139 30313433 3332301E 170D3235 30363230 31313232   
 31375A17 0D333530 36323031 31323231 375A3031 312F302D 06035504 030C2649   
 4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D32 38313930   
 31343333 32308201 22300D06 092A8648 86F70D01 01010500 0382010F 00308201   
 0A028201 0100BD43 6984FE73 74BB3E52 6A47AD95 5EA0F86B F1967520 13521EA4   
 17766A28 394D268B 899D029C C51EBBDB D7F96FB6 C1A55817 FFC25465 B1FDB07D   
 413E09DE 4B3FFBF9 8CD7CA8E E5A46084 D1780560 A0F7CBDB AE470E4B DF97D2E4   
 0E923533 69BA3D4B 5790A495 5E5560C5 5814458F E35530DD F20CA272 B57DC6B5   
 18BD2F6D 3368EEEB E14CC799 D1C5A51E FD29FF87 7E15CFEA B49EB43A 4942512A   
 16D3F881 3E4CECF6 4253CBF2 CF6AD9D8 765C3635 548363C8 421514A4 50CD06F7   
 D96573C8 DD6B9E64 33B6E206 6E3EE223 8E26EACC EB232342 B41AD959 D2AFFFFD   
 D4F1CEC9 D2B25D7F 28CB54E9 944F0B7C 3FC0DC5E 9CD79647 EE3060B3 A0519BB4   
 7F4E29EB 6E110203 010001A3 53305130 1D060355 1D0E0416 041494AD CD319247   
 16683D06 7DE93244 8FD36B34 38A3301F 0603551D 23041830 16801494 ADCD3192   
 4716683D 067DE932 448FD36B 3438A330 0F060355 1D130101 FF040530 030101FF   
 300D0609 2A864886 F70D0101 0D050003 82010100 9D1382A1 7AC6581E 734CDF81   
 9A5FAA8C 2326FF53 590764F0 3755D1C2 47864226 CADD68AD 8BDF79D5 D06F14E4   
 6647909B 947B0C54 BA9C5583 8016FBF7 836C45B4 AA014CBB 2DC5FDB2 0D65103E   
 2E642BB9 1D4D3658 5CBB4047 14BD912E 0C499154 C21D5C78 544AA810 B3150776   
 FEAB256C FBEC706A CF68B64A 4D9DD1EB 2B5D1815 720247F6 A137523D 03BBAA1E   
 E3F2CAE2 E1784CBA C4D4F74B F541CF87 A3FE95A5 C7044757 2380DD3A 204603D5   
 674283C4 69898399 10826EDB BE844BC3 5D27636A 8F16B4B2 866F27CC 202BF306   
 351980DC 37A11885 51AA23C7 1F30A26C 66B347DE 326BD6F8 DF9B8980 5AB75129   
 595E7653 81FDA180 23589D35 95BD41A0 DE4CA58C  
 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  
crypto pki certificate chain WLC\_CA  
 certificate ca 01  
 30820370 30820258 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030   
 49311730 15060355 04030C0E 43412D76 574C435F 50592D57 4C43312E 302C0603   
 55040A13 25436973 636F2056 69727475 616C2057 6972656C 65737320 4C414E20   
 436F6E74 726F6C6C 6572301E 170D3235 30363230 31313433 32395A17 0D333530   
 36323031 31343332 395A3049 31173015 06035504 030C0E43 412D7657 4C435F50   
 592D574C 43312E30 2C060355 040A1325 43697363 6F205669 72747561 6C205769   
 72656C65 7373204C 414E2043 6F6E7472 6F6C6C65 72308201 22300D06 092A8648   
 86F70D01 01010500 0382010F 00308201 0A028201 0100A39C 53B7353C EBE02B95   
 54986B69 1A2F08CF F60D2AC8 7CFE1E83 79DA341C 0904415F 7E08D0A0 A68B54D3   
 4C7CDF06 41822441 41713CA3 081A0627 57AFA985 3C2E0CF2 6C5863E8 E71337A9   
 C1484C4B 00A7F892 1D017555 33936DE9 6894FC58 83BFFC59 78E66E46 7ECDC088   
 57EB758D 78C70B60 72DFF078 0DC784CA 7F7E2180 3A4FDF14 4B1A0647 66D522C5   
 EAAC2E0B 54CF27AD 19F388D0 0772763B 538296F9 28D53235 2F99D6B0 F671BEAA   
 9F14A02E 28211F4B CCF9FA7D 4876E2DA 7EAFC329 E9E03C17 1DC6DECC 6D2C5ED0   
 C808F852 0E29704B CC8E0D8F 6AF32AF1 EF7A16DF 9606F200 3B7B9388 D76F5175   
 3AE12248 5BBA6B87 07C532E1 B1EE9056 0911EE6F E41B0203 010001A3 63306130   
 0F060355 1D130101 FF040530 030101FF 300E0603 551D0F01 01FF0404 03020186   
 301F0603 551D2304 18301680 142D9B41 B2C77048 71DCFA08 B8612462 7A347E6F   
 E4301D06 03551D0E 04160414 2D9B41B2 C7704871 DCFA08B8 6124627A 347E6FE4   
 300D0609 2A864886 F70D0101 0B050003 82010100 421BDCE8 21C52743 D7B4C40D   
 23029AB2 98DA8E5F C09A6AE0 6F7D5F9E C583EDA4 A5EAABF3 53A4E3C8 6F19235E   
 0B66042D D3E8453B A77EDD4C CDDA98FD 62B1092E 64C98A00 C96117AA 2D68FDF8   
 831C7FF2 1BB161B9 BB5D1BA5 062CCB05 2F794A6E B2561B25 6622C3A1 1C285D19   
 89457B2A E2520C53 93D069DE C6C1DF8A A92E00B6 0AF33671 41ABE9A6 D1C17FCD   
 2CAEE906 5F106A1D 87D958D6 06BE9C0F EC819FEE DFA923F7 650A3247 066183F8   
 F0C30D63 4E4D6E9C 84A90474 4F2E86CF DA38BF9B 320C1D45 7F674DE5 1240FF99   
 32414C94 6522D4A0 360B821B F9CFAED5 66FA6870 FF8F07E2 3AFD0F39 65226F93   
 D4B8F803 27888431 05EA040B 7DE01A15 4BB13F59  
 quit  
crypto pki certificate chain PY-WLC\_WLC\_TP  
 certificate 02  
 308203A5 3082028D A0030201 02020102 300D0609 2A864886 F70D0101 0B050030   
 49311730 15060355 04030C0E 43412D76 574C435F 50592D57 4C43312E 302C0603   
 55040A13 25436973 636F2056 69727475 616C2057 6972656C 65737320 4C414E20   
 436F6E74 726F6C6C 6572301E 170D3235 30363230 31313433 33365A17 0D333530   
 36323031 31343332 395A3073 31163014 06035504 030C0D50 592D574C 435F574C   
 435F5450 312E302C 06035504 0A132543 6973636F 20566972 7475616C 20576972   
 656C6573 73204C41 4E20436F 6E74726F 6C6C6572 31293012 06035504 05130B39   
 5449304F 58563449 33423013 06092A86 4886F70D 01090216 0650592D 574C4330   
 82012230 0D06092A 864886F7 0D010101 05000382 010F0030 82010A02 82010100   
 971CF617 A8BF753D CE995A1F D4C65BD7 24C80258 164E998C 33076DC5 6DDC8AFC   
 379C1C33 F3BAC3BC 54FCC6AF CEDAEC50 091348F6 2DD01387 B3F1D888 16F9533B   
 511207F8 0FD2B1E6 3DFD2F1D 94E8A403 4FD51D1F 09A0D81D 2883A719 AD1A6F8D   
 657ED090 5E7858B1 05633C8E 86C717C8 8B344418 C56CBE38 76D643B7 650528DF   
 55E73A56 CF1B49C3 90C05CBF 7CE7047A 48A16190 FEE1E42E ED096632 847E8CF2   
 88E9C382 6C30976E CB31F252 FB6D964B F031F9A1 119E1D28 21B57F31 B0EB65FC   
 95F18486 CEFA863E CC963E4F 5AA81B44 54944929 DF1B40E2 7EFA99BF 4FC932D8   
 C06B146E 1F686737 3216C3DA 692EB7EB 6E6C06A4 2B1F49E3 1908D765 9D6372CD   
 02030100 01A36E30 6C300B06 03551D0F 04040302 05A0301D 0603551D 25041630   
 1406082B 06010505 07030106 082B0601 05050703 02301F06 03551D23 04183016   
 80142D9B 41B2C770 4871DCFA 08B86124 627A347E 6FE4301D 0603551D 0E041604   
 14F506F7 BE596F05 2FAA8C64 FB843ADD A3D93DE3 C9300D06 092A8648 86F70D01   
 010B0500 03820101 008F1167 793C6257 3524B6EB 1EEF0094 E0FCF84D 267A8004   
 9C8F3F02 8A5FAD7E 509BB698 84F3A0D5 5F8FCF1F ED5B16B4 A5ABAE70 C281AF4B   
 3174B8C2 6D3A6989 34BEE70E E3160F27 04F4C54D CB6C3E8A 5DB2D9F2 13280A85   
 5ECD5368 9F8D5D21 B64F6C90 E7ED93C0 3A9976F8 153281F3 A6B2E1BC A693722C   
 4421DCB0 AB8EE334 1B14021F 4D98459B FB740413 49AC5D3D 8FF85AEB C45C3665   
 A5817D69 DC4458B8 94AC6BE7 66CAAFAE 5823AA5A BFDF3C1B F25BD2C2 EEE742C8   
 D0E44C79 AE956C33 43725317 09AD3A78 3A4ADEE3 DBF411DF 4B2C31D5 65A65199   
 BD170AF0 C6EF917F 3A8CA2F8 FFFFB866 2DB4E076 B36A3C3C 5D197002 37CA76BE   
 96E891E0 4DBF2778 34  
 quit  
 certificate ca 01  
 30820370 30820258 A0030201 02020101 300D0609 2A864886 F70D0101 0B050030   
 49311730 15060355 04030C0E 43412D76 574C435F 50592D57 4C43312E 302C0603   
 55040A13 25436973 636F2056 69727475 616C2057 6972656C 65737320 4C414E20   
 436F6E74 726F6C6C 6572301E 170D3235 30363230 31313433 32395A17 0D333530   
 36323031 31343332 395A3049 31173015 06035504 030C0E43 412D7657 4C435F50   
 592D574C 43312E30 2C060355 040A1325 43697363 6F205669 72747561 6C205769   
 72656C65 7373204C 414E2043 6F6E7472 6F6C6C65 72308201 22300D06 092A8648   
 86F70D01 01010500 0382010F 00308201 0A028201 0100A39C 53B7353C EBE02B95   
 54986B69 1A2F08CF F60D2AC8 7CFE1E83 79DA341C 0904415F 7E08D0A0 A68B54D3   
 4C7CDF06 41822441 41713CA3 081A0627 57AFA985 3C2E0CF2 6C5863E8 E71337A9   
 C1484C4B 00A7F892 1D017555 33936DE9 6894FC58 83BFFC59 78E66E46 7ECDC088   
 57EB758D 78C70B60 72DFF078 0DC784CA 7F7E2180 3A4FDF14 4B1A0647 66D522C5   
 EAAC2E0B 54CF27AD 19F388D0 0772763B 538296F9 28D53235 2F99D6B0 F671BEAA   
 9F14A02E 28211F4B CCF9FA7D 4876E2DA 7EAFC329 E9E03C17 1DC6DECC 6D2C5ED0   
 C808F852 0E29704B CC8E0D8F 6AF32AF1 EF7A16DF 9606F200 3B7B9388 D76F5175   
 3AE12248 5BBA6B87 07C532E1 B1EE9056 0911EE6F E41B0203 010001A3 63306130   
 0F060355 1D130101 FF040530 030101FF 300E0603 551D0F01 01FF0404 03020186   
 301F0603 551D2304 18301680 142D9B41 B2C77048 71DCFA08 B8612462 7A347E6F   
 E4301D06 03551D0E 04160414 2D9B41B2 C7704871 DCFA08B8 6124627A 347E6FE4   
 300D0609 2A864886 F70D0101 0B050003 82010100 421BDCE8 21C52743 D7B4C40D   
 23029AB2 98DA8E5F C09A6AE0 6F7D5F9E C583EDA4 A5EAABF3 53A4E3C8 6F19235E   
 0B66042D D3E8453B A77EDD4C CDDA98FD 62B1092E 64C98A00 C96117AA 2D68FDF8   
 831C7FF2 1BB161B9 BB5D1BA5 062CCB05 2F794A6E B2561B25 6622C3A1 1C285D19   
 89457B2A E2520C53 93D069DE C6C1DF8A A92E00B6 0AF33671 41ABE9A6 D1C17FCD   
 2CAEE906 5F106A1D 87D958D6 06BE9C0F EC819FEE DFA923F7 650A3247 066183F8   
 F0C30D63 4E4D6E9C 84A90474 4F2E86CF DA38BF9B 320C1D45 7F674DE5 1240FF99   
 32414C94 6522D4A0 360B821B F9CFAED5 66FA6870 FF8F07E2 3AFD0F39 65226F93   
 D4B8F803 27888431 05EA040B 7DE01A15 4BB13F59  
 quit  
!  
!  
!  
!  
!  
!  
!  
!  
license udi pid C9800-CL-K9 sn 9TI0OXV4I3B  
diagnostic bootup level minimal  
memory free low-watermark processor 299749  
file prompt quiet  
!  
!  
enable secret 9 $9$whjSWOsUzdpjR.$tduT4w395tgvGg2aROWY611J4RFgWmPU5PGehYBTBVA  
!  
username admin privilege 15 password 7 002A1A1611552B575D72  
username sftpIOS password 7 0215024F1B0F0032  
username cisco privilege 15 password 7 110A1016141D  
!  
redundancy  
 mode sso  
!  
crypto engine compliance shield disable  
!  
!  
!  
!  
!  
vlan internal allocation policy ascending  
!  
vlan 10  
 name management  
!  
vlan 100  
 name MGMT  
!  
vlan 700  
 name auto\_700  
!  
vlan 800  
 name auto\_800  
!  
vlan 900  
 name auto\_900  
!  
!  
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  
!   
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!  
!   
!   
!  
!  
interface Loopback0  
 no ip address  
!  
interface GigabitEthernet1  
 no switchport  
 ip address 172.31.1.200 255.255.255.0  
 negotiation auto  
 no mop enabled  
 no mop sysid  
!  
interface GigabitEthernet2  
 switchport access vlan 10  
 negotiation auto  
 no mop enabled  
 no mop sysid  
!  
interface GigabitEthernet3  
 switchport access vlan 10  
 negotiation auto  
 no mop enabled  
 no mop sysid  
!  
interface Vlan1  
 no ip address  
 no ip proxy-arp  
 shutdown  
 no mop enabled  
 no mop sysid  
!  
interface Vlan700  
 description L3\_700  
 ip address 10.1.1.1 255.255.255.0  
 no ip proxy-arp  
 no mop enabled  
 no mop sysid  
!  
interface Vlan800  
 description L3\_800  
 ip address 10.1.2.1 255.255.255.0  
 no ip proxy-arp  
 no mop enabled  
 no mop sysid  
!  
interface Vlan900  
 description L3\_900  
 ip address 10.1.3.1 255.255.255.0  
 no ip proxy-arp  
 no mop enabled  
 no mop sysid  
!  
ip forward-protocol nd  
ip http server  
ip http authentication local  
ip http secure-server  
ip http timeout-policy idle 600 life 1800 requests 1000   
!  
ip route 0.0.0.0 0.0.0.0 172.31.1.100  
ip ssh bulk-mode 131072  
ip ssh time-out 80  
ip ssh authentication-retries 5  
ip ssh pubkey-chain  
 username cisco  
 key-hash ssh-rsa 80AEF1F7CE4A2D26AE0DBC852F73BA8B mohanarao\_chidipothu@Mohanrao  
 key-hash ssh-rsa 4FB9D37093D594718CB434EC72C5F78B nipun@Manoj-PC  
ip scp server enable  
!  
!  
!  
snmp-server group Manoj v3 auth   
snmp-server host 172.31.1.233 version 3 auth Manoj-agent   
snmp-server manager  
!  
!  
control-plane  
!  
!  
!  
!  
!  
banner login ^C\* WARNING: Unauthorized access to this device is strictly prohibited. \*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*Welcome to Nipun WLC\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*^C  
banner motd ^C  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
\* Welcome to the Corporate Wireless LAN Controller (WLC). \*  
\* This device is monitored and managed by IT Security. \*  
\* Use of this system implies consent to monitoring. \*  
\* Please report issues to: network-team@example.com \*  
\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  
^C  
!  
line con 0  
 stopbits 1  
line vty 0 4  
 login local  
 transport input ssh  
line vty 5 15  
 login  
 transport input ssh  
!  
!  
!  
!  
!  
!  
!  
wireless aaa policy default-aaa-policy  
wireless cts-sxp profile default-sxp-profile  
wireless management trustpoint PY-WLC\_WLC\_TP  
wireless management interface Vlan100  
wireless profile airtime-fairness default-atf-policy 0  
wireless profile flex default-flex-profile  
 description "default flex profile"  
wireless profile mesh default-mesh-profile  
 description "default mesh profile"  
wireless profile multi-bssid default-multi-bssid-profile  
 description "Default multi bssid profile"  
wireless profile radio default-radio-profile  
 description "Preconfigured default radio profile"  
wireless profile policy sai  
 no central association  
 no central dhcp  
 no central switching  
 description "sai 1"  
 ipv4 dhcp required  
 ipv4 dhcp server 192.168.1.10  
 vlan management  
 no shutdown  
wireless profile policy default-policy-profile  
 description "default policy profile"  
 vlan MGMT  
 no shutdown  
wireless tag site default-site-tag  
 description "default site tag"  
wireless tag policy default-policy-tag  
 description "default policy-tag"  
 wlan sai policy default-policy-profile  
 wlan satish policy default-policy-profile  
wireless tag rf default-rf-tag  
 description "default RF tag"  
wireless fabric control-plane default-control-plane  
 description "default control plane name"  
wireless country IN  
wlan sai 1 sai  
 security wpa psk set-key ascii 0 Satish@123  
 no security wpa akm dot1x  
 security wpa akm psk  
 no shutdown  
wlan satish 2 satish  
 security wpa psk set-key ascii 0 Satish@123  
 no security wpa akm dot1x  
 security wpa akm psk  
 no shutdown  
ap dot11 24ghz rf-profile Low\_Client\_Density\_rf\_24gh  
 coverage data rssi threshold -90  
 coverage level 2  
 coverage voice rssi threshold -90  
 description "pre configured Low Client Density rfprofile for 2.4gh radio"  
 high-density rx-sop threshold low  
 rate RATE\_12M supported  
 rate RATE\_24M supported  
 rate RATE\_6M supported  
 tx-power v1 threshold -65  
 no shutdown  
ap dot11 24ghz rf-profile High\_Client\_Density\_rf\_24gh  
 description "pre configured High Client Density rfprofile for 2.4gh radio"  
 high-density rx-sop threshold medium  
 rate RATE\_11M disable  
 rate RATE\_12M mandatory  
 rate RATE\_1M disable  
 rate RATE\_24M supported  
 rate RATE\_2M disable  
 rate RATE\_5\_5M disable  
 rate RATE\_6M disable  
 tx-power min 7  
 no shutdown  
ap dot11 24ghz rf-profile Typical\_Client\_Density\_rf\_24gh  
 description "pre configured Typical Client Density rfprofile for 2.4gh radio"  
 rate RATE\_11M disable  
 rate RATE\_12M mandatory  
 rate RATE\_1M disable  
 rate RATE\_24M supported  
 rate RATE\_2M disable  
 rate RATE\_5\_5M disable  
 rate RATE\_6M disable  
 no shutdown  
ap dot11 24ghz rate RATE\_12M supported  
ap dot11 24ghz rate RATE\_24M supported  
ap dot11 24ghz rate RATE\_6M supported  
ap dot11 6ghz rf-profile default-rf-profile-6ghz  
 description "default rfprofile for 6GHz radio"  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M mandatory  
 no shutdown  
ap dot11 5ghz rf-profile Low\_Client\_Density\_rf\_5gh  
 coverage data rssi threshold -90  
 coverage level 2  
 coverage voice rssi threshold -90  
 description "pre configured Low Client Density rfprofile for 5gh radio"  
 high-density rx-sop threshold low  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M mandatory  
 tx-power v1 threshold -60  
 no shutdown  
ap dot11 5ghz rf-profile High\_Client\_Density\_rf\_5gh  
 description "pre configured High Client Density rfprofile for 5gh radio"  
 high-density rx-sop threshold medium  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M disable  
 rate RATE\_9M disable  
 tx-power min 7  
 tx-power v1 threshold -65  
 no shutdown  
ap dot11 5ghz rf-profile Typical\_Client\_Density\_rf\_5gh  
 description "pre configured Typical Density rfprofile for 5gh radio"  
 rate RATE\_12M mandatory  
 rate RATE\_24M mandatory  
 rate RATE\_6M mandatory  
 no shutdown  
ap dot11 5ghz rate RATE\_12M mandatory  
ap dot11 5ghz rate RATE\_24M mandatory  
ap dot11 5ghz rate RATE\_6M mandatory  
ap dot11 6ghz rrm monitor measurement 600  
ap tag-source-priority 2 source filter  
ap tag-source-priority 3 source ap  
ap profile default-ap-profile  
 country IN  
 description "default ap profile"  
 ntp ip 0.0.0.0  
 syslog host 255.255.255.255  
trapflags ap crash  
trapflags ap noradiocards  
trapflags ap register  
end

## Nmap Scan Results

Starting Nmap 7.94SVN ( https://nmap.org ) at 2025-08-08 04:52 UTC  
Nmap scan report for 172.31.1.200  
Host is up (0.0039s latency).  
Not shown: 1025 closed tcp ports (conn-refused)  
PORT STATE SERVICE  
22/tcp open ssh  
80/tcp open http  
443/tcp open https  
8443/tcp open https-alt  
  
Nmap done: 1 IP address (1 host up) scanned in 4.28 seconds