line con 0 password cit341 secret cit341 G0/21 - G0/21 MLS3 G0/22 - G0/22 MLS3 G0/23 - G0/23 MLS2	Version 16.9.5 line con 0 password cit341 secret cit341 G0/21 - G0/21 MLS1 G0/22 - G0/22 MLS1 G0/23 - G0/23 MLS4	Version: 15.2 line con 0 password cit341 secret cit341 Current configuration: 6867 bytes !
G0/23 - G0/23 MLS2 G0/24 - G0/24 MLS2 Current configuration : 15196 bytes !	G0/22 - G0/22 MLS1 G0/23 - G0/23 MLS4 G0/24 - G0/24 MLS4 G0/1 - F0/1 AS1 Current configuration : 15353 bytes	! ! Last configuration change at 00:00:48 UTC Mon Jan 2 2006 ! version 15.2 no service pad service timestamps debug datetime msec
! Last configuration change at 19:41:28 UTC Tue Jun 27 2023 ! NVRAM config last updated at 19:42:16 UTC Tue Jun 27 2023 ! version 16.9 no service pad service timestamps debug datetime msec	! Last configuration change at 20:09:29 UTC Tue Jun 27 2023 ! NVRAM config last updated at 20:09:37 UTC Tue Jun 27 2023 ! version 16.9 no service pad	service timestamps log datetime msec no service password-encryption ! hostname ASwitch1 ! boot-start-marker
service timestamps log datetime msec ! Call-home is enabled by Smart-Licensing. service call-home no platform punt-keepalive disable-kernel-core ! hostname Switch1	service timestamps debug datetime msec service timestamps log datetime msec ! Call-home is enabled by Smart-Licensing. service call-home no platform punt-keepalive disable-kernel-core ! hostname Switch3	boot-end-marker ! enable secret 5 \$1\$HynH\$RUZRKPWEFqbVEIzZwI7tr0 ! no aaa new-model switch 1 provision ws-c2960s-48fps-I
vrf definition Mgmt-vrf ! address-family ipv4 exit-address-family !	! ! vrf definition Mgmt-vrf ! address-family ipv4 exit-address-family	
address-family ipv6 exit-address-family ! enable secret 5 \$1\$IdHJ\$PNfRByvWzDq5.KCnXtLqH1 ! no aaa new-model switch 1 provision ws-c3850-48p	exit address family ipv6 address-family ipv6 exit-address-family ! enable secret 5 \$1\$0PTK\$eg/GSXbNUwKuQLNPO4rOQ1 ! no aaa new-model	! ! crypto pki trustpoint TP-self-signed-2532592896 enrollment selfsigned subject-name cn=IOS-Self-Signed-Certificate-2532592896 revocation-check none rsakeypair TP-self-signed-2532592896
!	switch 7 provision ws-c3850-48p ! ! ! !	! crypto pki certificate chain TP-self-signed-2532592896 certificate self-signed 01 3082022B 30820194 A0030201 02020101 300D0609 2A864886 F70D0102
! If contact email address in call-home is configured as sch-smart-licensing@ci ! the email address configured in Cisco Smart License Portal will be used as co email address to send SCH notifications. contact-email-addr sch-smart-licensing@cisco.com profile "CiscoTAC-1" active destination transport-method http	sco.com ntact ! 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	31312F30 2D060355 04031326 494F532D 53656C66 2D536967 6E65642 69666963 6174652D 32353332 35393238 3936301E 170D3036 30313032 35345A17 0D323030 31303130 30303030 305A3031 312F302D 06035504 4F532D53 656C662D 5369676E 65642D43 65727469 66696361 74652D3 39323839 3630819F 300D0609 2A864886 F70D0101 01050003 818D0036 81008C97 0A0976FD 1FB4E36D 2CEC42F1 462F6D23 48899A5B 75DF7 6F4D40B8 933E9712 7C26843D D174F9F9 AF9C32C1 640FF638 D80010
no destination transport-method email ! ! ! !	no destination transport-method email ! ! ! ! !	36915C00 11EA35C1 0EF91F99 0EFB0A29 6EB365B9 69ED7940 AF125 7F9DDAB0 9823D10A A55C5657 611D2EDC 60309B73 03BB68F4 61681 D09D0203 010001A3 53305130 0F060355 1D130101 FF040530 030101F 551D2304 18301680 14B6B012 B32970E1 6F190F2A 9A491CD3 21C784 03551D0E 04160414 B6B012B3 2970E16F 190F2A9A 491CD321 C78456 2A864886 F70D0101 05050003 81810088 244591BB B0D32007 FD5F5D
! ! ! ip dhcp snooping vlan 100,120,140,160,180,200,800 ip dhcp snooping login on-success log	! ! ! ip dhcp snooping vlan 100,120,140,160,180,200,800 ip dhcp snooping login on-success log	CF43C937 187767C5 51C3C38E CCC19642 9F23180D 3DF8F1F7 DC578 EF59336F A231BBB4 F97D78D8 8885D66B 24CF061D 4C87136C 3AD98 49693D90 5CCC822E 8F9E4E23 3E25FDFC 0907864A 748A8C04 E26F4 3060E758 BBC7BCC7 27DDD36A 24279C quit
! ! ! ! !		spanning-tree mode rapid-pvst spanning-tree extend system-id ! ! !
crypto pki trustpoint SLA-TrustPoint enrollment pkcs12 revocation-check crl ! crypto pki trustpoint TP-self-signed-3570634185 enrollment selfsigned	crypto pki trustpoint SLA-TrustPoint enrollment pkcs12 revocation-check crl ! crypto pki trustpoint TP-self-signed-3394456330 enrollment selfsigned	vlan internal allocation policy ascending ! ! ! !
subject-name cn=IOS-Self-Signed-Certificate-3570634185 revocation-check none rsakeypair TP-self-signed-3570634185 license boot level ipbasek9 !	subject-name cn=IOS-Self-Signed-Certificate-3394456330 revocation-check none rsakeypair TP-self-signed-3394456330 license boot level ipbasek9 !	
! diagnostic bootup level minimal ! spanning-tree mode rapid-pvst spanning-tree extend system-id spanning-tree vlan 100,120,140 priority 24576	diagnostic bootup level minimal ! spanning-tree mode rapid-pvst spanning-tree extend system-id !	interface FastEthernet0 no ip address shutdown ! interface GigabitEthernet1/0/1 switchport trunk native vlan 800
spanning-tree vlan 160,180,200 priority 28672 ! ! ! redundancy mode sso	! redundancy mode sso !	switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk speed 1000 duplex full ip dhcp snooping trust ! interface GigabitEthernet1/0/2
! ! ! ! transceiver type all monitoring	! ! transceiver type all monitoring no cdp run !	switchport access vlan 120 switchport mode access spanning-tree portfast spanning-tree bpduguard enable ! interface GigabitEthernet1/0/3
no cdp run ! ! class-map match-any system-cpp-police-topology-control description Topology control class-map match-any system-cpp-police-sw-forward	! 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, LOGGING class-map match-any system-cpp-default	switchport access vlan 140 switchport mode access spanning-tree portfast spanning-tree bpduguard enable ! interface GigabitEthernet1/0/4
description Sw forwarding, L2 LVX data, LOGGING class-map match-any system-cpp-default description Inter FED, EWLC control, EWLC data class-map match-any system-cpp-police-sys-data description Learning cache ovfl, High Rate App, Exception, EGR Exception, NFL SAMPLED DATA, RPF Failed class-map match-any system-cpp-police-punt-webauth	description Inter FED, EWLC control, EWLC data class-map match-any system-cpp-police-sys-data description Learning cache ovfl, High Rate App, 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	switchport access vlan 160 switchport mode access spanning-tree portfast spanning-tree bpduguard enable ! interface GigabitEthernet1/0/5
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 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-multicast	switchport access vlan 180 switchport mode access spanning-tree portfast spanning-tree bpduguard enable ! interface GigabitEthernet1/0/6
description MCAST END STATION class-map match-any system-cpp-police-multicast description Transit Traffic and MCAST Data class-map match-any system-cpp-police-l2-control description L2 control class-map match-any system-cpp-police-dot1x-auth	description Transit Traffic and 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	switchport access vlan 200 switchport mode access spanning-tree portfast spanning-tree bpduguard enable ! interface GigabitEthernet1/0/7 switchport access vlan 100
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 class-map match-any system-cpp-police-routing-control	description ICMP redirect, ICMP_GEN and BROADCAST class-map match-any system-cpp-police-stackwise-virt-control description Stackwise Virtual class-map match-any non-client-nrt-class class-map match-any system-cpp-police-routing-control description Routing control and Low Latency	switchport mode access shutdown spanning-tree portfast spanning-tree bpduguard enable !
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-system-critical	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-system-critical description System Critical and Gold Pkt !	interface GigabitEthernet1/0/8 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/9 switchport access vlan 900 shutdown
description System Critical and Gold Pkt ! policy-map system-cpp-policy !	policy-map system-cpp-policy ! ! ! !	! interface GigabitEthernet1/0/10 switchport access vlan 900 shutdown !
! ! ! ! !	! ! ! !	interface GigabitEthernet1/0/11 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/12 switchport access vlan 900 shutdown
! ! ! interface Port-channel1 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk	! interface Port-channel1 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk ! interface Port-channel2	shutdown ! interface GigabitEthernet1/0/13 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/14
	interface Port-channel2 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk ! interface Port-channel4 switchport trunk native vlan 800	interface GigabitEthernet1/0/14 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/15 switchport access vlan 900 shutdown
! interface GigabitEthernet0/0 vrf forwarding Mgmt-vrf no ip address shutdown negotiation auto !	switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk ! interface GigabitEthernet0/0 vrf forwarding Mgmt-vrf	shutdown ! interface GigabitEthernet1/0/16 switchport access vlan 900 shutdown !
! interface GigabitEthernet1/0/1 switchport mode access switchport port-security mac-address sticky switchport port-security !	no ip address shutdown negotiation auto! interface GigabitEthernet7/0/1 switchport trunk native vlan 800	interface GigabitEthernet1/0/17 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/18 switchport access vlan 900 shutdown
interface GigabitEthernet1/0/2 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/3 switchport mode access	switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk speed 1000 duplex full channel-protocol lacp ip dhcp snooping trust !	shutdown ! interface GigabitEthernet1/0/19 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/20
switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet1/0/4 switchport mode access	interface GigabitEthernet7/0/2 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/3	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/21 switchport access vlan 900 shutdown
switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet1/0/5 switchport mode access switchport port-security mac-address sticky switchport port-security	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/4 switchport mode access	! interface GigabitEthernet1/0/22 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/23
! interface GigabitEthernet1/0/6 switchport mode access switchport port-security mac-address sticky switchport port-security !	switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/5 switchport mode access switchport port-security mac-address sticky	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/24 switchport access vlan 900 shutdown
interface GigabitEthernet1/0/7 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/8	switchport port-security ! interface GigabitEthernet7/0/6 switchport mode access switchport port-security mac-address sticky switchport port-security	interface GigabitEthernet1/0/25 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/26
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/9 switchport mode access	interface GigabitEthernet7/0/7 switchport mode access switchport port-security mac-address sticky switchport port-security !	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/27 switchport access vlan 900 shutdown
switchport mode decess switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/10 switchport mode access switchport port-security mac-address sticky	interface GigabitEthernet7/0/8 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/9	interface GigabitEthernet1/0/28 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/29
switchport port-security ! interface GigabitEthernet1/0/11 switchport mode access switchport port-security mac-address sticky switchport port-security	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/10 switchport mode access	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/30 switchport access vlan 900 shutdown
! interface GigabitEthernet1/0/12 switchport mode access switchport port-security mac-address sticky switchport port-security!	switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/11 switchport mode access switchport port-security mac-address sticky	! interface GigabitEthernet1/0/31 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/32
interface GigabitEthernet1/0/13 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/14	switchport port-security ! interface GigabitEthernet7/0/12 switchport mode access switchport port-security mac-address sticky switchport port-security	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/33 switchport access vlan 900 shutdown
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/15 switchport mode access	! interface GigabitEthernet7/0/13 switchport mode access switchport port-security mac-address sticky switchport port-security !	! interface GigabitEthernet1/0/34 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/35
switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/16 switchport mode access switchport port-security mac-address sticky	interface GigabitEthernet7/0/14 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/15	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/36 switchport access vlan 900 shutdown
switchport port-security ! interface GigabitEthernet1/0/17 switchport mode access switchport port-security mac-address sticky switchport port-security	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/16 switchport mode access	interface GigabitEthernet1/0/37 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/38
! interface GigabitEthernet1/0/18 switchport mode access switchport port-security mac-address sticky switchport port-security !	switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet7/0/17 switchport mode access switchport port-security mac-address sticky	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/39 switchport access vlan 900 shutdown
interface GigabitEthernet1/0/19 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/20	switchport port-security ! interface GigabitEthernet7/0/18 switchport mode access switchport port-security mac-address sticky switchport port-security	interface GigabitEthernet1/0/40 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/41
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/21 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800	interface GigabitEthernet7/0/19 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/20	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/42 switchport access vlan 900 shutdown
switchport mode trunk speed 1000 duplex full channel-protocol lacp channel-group 2 mode active ip dhcp snooping trust	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/21 switchport trunk native vlan 800	interface GigabitEthernet1/0/43 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/44 switchport access vlan 900
! interface GigabitEthernet1/0/22 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk speed 1000	switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk speed 1000 duplex full channel-protocol lacp channel-group 2 mode active	shutdown ! interface GigabitEthernet1/0/45 switchport access vlan 900 shutdown !
duplex full channel-protocol lacp channel-group 2 mode active ip dhcp snooping trust ! interface GigabitEthernet1/0/23	ip dhcp snooping trust ! interface GigabitEthernet7/0/22 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk	interface GigabitEthernet1/0/46 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/47 switchport access vlan 900
switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk speed 1000 duplex full channel-protocol lacp channel-group 1 mode active	speed 1000 duplex full channel-protocol lacp channel-group 2 mode active ip dhcp snooping trust ! interface GigabitEthernet7/0/23	shutdown ! interface GigabitEthernet1/0/48 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/49
ip dhcp snooping trust ! interface GigabitEthernet1/0/24 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk	switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800 switchport mode trunk speed 1000 duplex full channel-protocol lacp	switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/50 switchport access vlan 900 shutdown
speed 1000 duplex full channel-protocol lacp channel-group 1 mode active ip dhcp snooping trust	channel-group 4 mode active ip dhcp snooping trust ! interface GigabitEthernet7/0/24 switchport trunk native vlan 800 switchport trunk allowed vlan 100,120,140,160,180,200,800	interface GigabitEthernet1/0/51 switchport access vlan 900 shutdown ! interface GigabitEthernet1/0/52
interface GigabitEthernet1/0/25 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/26	switchport mode trunk speed 1000 duplex full channel-protocol lacp channel-group 4 mode active ip dhcp snooping trust	switchport access vlan 900 shutdown ! interface Vlan1 no ip address shutdown
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/27	interface GigabitEthernet7/0/25 switchport mode access switchport port-security mac-address sticky switchport port-security	! interface Vlan200 ip address 192.168.107.253 255.255.255.0 ! ip default-gateway 192.168.107.1
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/28 switchport mode access switchport port-security mac-address sticky	interface GigabitEthernet7/0/26 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/27	ip http server ip http secure-server ! ! access-list 21 permit 0.0.0.0 255.255.255.0 !
switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet1/0/29 switchport mode access switchport port-security mac-address sticky switchport port-security	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/28 switchport mode access	line con 0 password cit341 login line vty 0 4 access-class 21 in login
! interface GigabitEthernet1/0/30 switchport mode access switchport port-security mac-address sticky switchport port-security !	switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet7/0/29 switchport mode access switchport port-security mac-address sticky	transport input ssh line vty 5 15 access-class 21 in login transport input ssh !
interface GigabitEthernet1/0/31 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/32	switchport port-security switchport port-security ! interface GigabitEthernet7/0/30 switchport mode access switchport port-security mac-address sticky switchport port-security	! ntp server 192.168.107.1
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/33 switchport mode access	! interface GigabitEthernet7/0/31 switchport mode access switchport port-security mac-address sticky switchport port-security !	
switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet1/0/34 switchport mode access switchport port-security mac-address sticky	interface GigabitEthernet7/0/32 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/33 switchport mode access	
switchport port-security ! interface GigabitEthernet1/0/35 switchport mode access switchport port-security mac-address sticky switchport port-security !	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/34 switchport mode access	
! interface GigabitEthernet1/0/36 switchport mode access switchport port-security mac-address sticky switchport port-security!	switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet7/0/35 switchport mode access switchport port-security mac-address sticky	
interface GigabitEthernet1/0/37 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/38 switchport mode access	switchport port-security ! interface GigabitEthernet7/0/36 switchport mode access switchport port-security mac-address sticky switchport port-security !	
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/39 switchport mode access switchport port-security mac-address sticky	! interface GigabitEthernet7/0/37 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/38	
switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet1/0/40 switchport mode access switchport port-security mac-address sticky switchport port-security	interface GigabitEthernet7/0/38 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/39 switchport mode access	
switchport port-security ! interface GigabitEthernet1/0/41 switchport mode access switchport port-security mac-address sticky switchport port-security !	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/40 switchport mode access switchport port-security mac-address sticky	
! interface GigabitEthernet1/0/42 switchport mode access switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet1/0/43	switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/41 switchport mode access switchport port-security mac-address sticky switchport port-security	
switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/44 switchport mode access	! interface GigabitEthernet7/0/42 switchport mode access switchport port-security mac-address sticky switchport port-security !	
switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet1/0/45 switchport mode access switchport port-security mac-address sticky	! interface GigabitEthernet7/0/43 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/44	
switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/0/46 switchport mode access switchport port-security mac-address sticky switchport port-security	switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet7/0/45 switchport mode access	
! interface GigabitEthernet1/0/47 switchport trunk native vlan 800 switchport mode trunk ip dhcp snooping trust !	switchport port-security mac-address sticky switchport port-security! interface GigabitEthernet7/0/46 switchport mode access switchport port-security mac-address sticky	
interface GigabitEthernet1/0/48 switchport mode access switchport port-security mac-address sticky switchport port-security ! interface GigabitEthernet1/1/1	switchport port-security ! interface GigabitEthernet7/0/47 switchport mode access switchport port-security mac-address sticky switchport port-security	
Interface GigabitEthernet1/1/1 ! interface GigabitEthernet1/1/2 ! interface GigabitEthernet1/1/3 ! interface GigabitEthernet1/1/4	! interface GigabitEthernet7/0/48 switchport mode access switchport port-security mac-address sticky switchport port-security !	
! interface TenGigabitEthernet1/1/1 ! interface TenGigabitEthernet1/1/2 ! interface TenGigabitEthernet1/1/2 ! interface TenGigabitEthernet1/1/3	interface GigabitEthernet7/1/1 ! interface GigabitEthernet7/1/2 ! interface GigabitEthernet7/1/3 ! interface GigabitEthernet7/1/4	
Interface TenGigabitEthernet1/1/3 ! interface TenGigabitEthernet1/1/4 ! interface Vlan1 no ip address shutdown	interface GigabitEthernet7/1/4 ! interface TenGigabitEthernet7/1/1 ! interface TenGigabitEthernet7/1/2 ! interface TenGigabitEthernet7/1/2	
! interface Vlan200 ip address 192.168.107.249 255.255.255.0 ! ip default-gateway 192.168.107.1 ip forward-protocol nd	interface TenGigabitEthernet7/1/3 ! interface TenGigabitEthernet7/1/4 ! interface Vlan1 no ip address	
ip forward-protocol nd ip http server ip http authentication local ip http secure-server ! ! access-list 21 permit 0.0.0.0 255.255.255.0	shutdown ! interface Vlan200 ip address 192.168.107.251 255.255.255.0 ! ip default-gateway 192.168.107.1	
access-list 21 permit 0.0.0.0 255.255.255.0 ! ! control-plane service-policy input system-cpp-policy !	ip forward-protocol nd ip http server ip http authentication local ip http secure-server !	
! line con 0 password cit341 login stopbits 1 line aux 0	! access-list 21 permit 0.0.0.0 255.255.255.0 ! ! control-plane service-policy input system-cpp-policy	
line aux 0 stopbits 1 line vty 0 4 access-class 21 in login transport input ssh	! line con 0 password cit341 login stopbits 1	
line vty 5 15	line aux 0	
· · ·	stopbits 1 line vty 0 4 access-class 21 in login transport input ssh line vty 5 15	

Router 1 Cisco 2800 series Version 12. 4 line con 0 Password cit341 secret cit341

R1 F0/0 - Internet

version 12.4

hostname Router1

boot-start-marker boot-end-marker

no aaa new-model

ip dhcp pool vlan100

ip dhcp pool vlan120

ip dhcp pool vlan140

ip dhcp pool vlan160

ip dhcp pool vlan180

ip dhcp pool vlan200

interface FastEthernet0/0

vrrp 7 ip 192.168.242.30 vrrp 7 priority 200

interface FastEthernet0/0.2070 encapsulation dot1Q 2070

vrrp 70 ip 192.168.241.30
!
interface FastEthernet0/1
no ip address

vrrp 100 ip 192.168.7.1

vrrp 120 ip 192.168.27.1

vrrp 140 ip 192.168.47.1

vrrp 160 ip 192.168.67.1 vrrp 160 priority 150

vrrp 200 ip 192.168.107.1

vrrp 140 priority 150

interface FastEthernet0/1.140 encapsulation dot1Q 140

interface FastEthernet0/1.160 encapsulation dot1Q 160

vrrp 120 priority 150

vrrp 100 priority 150

ip access-group ICMP-request in

interface FastEthernet0/0.2007 encapsulation dot1Q 2007 ip address 192.168.242.28 255.255.254

ip address 192.168.241.28 255.255.255.224

duplex auto
speed auto
!
interface FastEthernet0/1.100
encapsulation dot1Q 100
ip address 192.168.7.2 255.255.255.0

interface FastEthernet0/1.120 encapsulation dot1Q 120 ip address 192.168.27.2 255.255.255.0

ip address 192.168.47.2 255.255.255.0

ip address 192.168.67.2 255.255.255.0

interface FastEthernet0/1.180 encapsulation dot1Q 180 ip address 192.168.87.2 255.255.255.0 vrrp 180 ip 192.168.87.1

vrrp 180 priority 150
!
interface FastEthernet0/1.200
encapsulation dot1Q 200
ip address 192.168.107.2 255.255.255.0

vrrp 200 ip 192.168.107.1
vrrp 200 priority 150
!
interface FastEthernet0/1.800
encapsulation dot1Q 800 native
no cdp enable
!
router ospf 7
log-adjacency-changes
network 192.168.242.0 0.0.0.31 area 7
!
router ospf 70
log-adjacency-changes
network 192.168.241.0 0.0.0.31 area 70
!
router ospf 100

router ospf 100
log-adjacency-changes
network 192.168.7.0 0.0.0.255 area 7
!
router ospf 120
log-adjacency-changes
network 192.168.27.0 0.0.0.255 area 7
!
router ospf 140
log-adjacency-changes
network 192.168.47.0 0.0.0.255 area 7
!

router ospf 160
log-adjacency-changes
network 192.168.67.0 0.0.0.255 area 7
!
router ospf 180
log-adjacency-changes
network 192.168.87.0 0.0.0.255 area 7
!

router ospf 200 log-adjacency-changes network 192.168.107.0 0.0.0.255 area 7

ip forward-protocol nd

no ip http secure-server !

ip access-list standard S-ACL

permit 0.0.0.0 255.255.255.0 ip access-list standard san1

permit 0.0.0.0 255.255.255.0

deny icmp any any permit ip any any

no cdp run

control-plane

line con 0
password cit341
login
line aux 0
line vty 0 4

access-class 21 in

scheduler allocate 20000 1000 ntp clock-period 17179314

FastEthernet0/0.2007 - Group 7

Virtual IP address is 192.168.242.30

Advertisement interval is 1.000 sec

Master Down interval is unknown FastEthernet0/0.2070 - Group 70

Virtual IP address is 192.168.241.30 Virtual MAC address is 0000.5e00.0146

Advertisement interval is 1.000 sec

Master Down interval is unknown

Virtual MAC address is 0000.5e00.0107

Master Router is unknown, priority is unknown
Master Advertisement interval is unknown

Master Router is unknown, priority is unknown Master Advertisement interval is unknown

ntp server 172.16.99.1

Preemption enabled Priority is 200

State is Init

Preemption enabled

Priority is 100

State is Init

login

ip access-list extended ICMP-request

access-list 21 permit 0.0.0.0 255.255.255.0

ip http server

no ip address

duplex auto

speed auto

default-router 192.168.7.1

default-router 192.168.27.1

default-router 192.168.47.1

default-router 192.168.67.1

default-router 192.168.87.1

default-router 192.168.107.1

network 192.168.7.0 255.255.255.0

network 192.168.27.0 255.255.255.0

network 192.168.47.0 255.255.255.0

network 192.168.67.0 255.255.255.0

network 192.168.87.0 255.255.255.0

network 192.168.107.0 255.255.255.0

R1 F0/1 - G0/47 MLS1

Current configuration : 4295 bytes

no service password-encryption

ip auth-proxy max-nodata-conns 3 ip admission max-nodata-conns 3 no ip dhcp use vrf connected

service timestamps debug datetime msec service timestamps log datetime msec

! card type command needed for slot/vwic-slot 0/0 enable secret 5 \$1\$bqCN\$Cp41JDBDZOklrof8q4qID1

ip dhcp excluded-address 192.168.7.1 192.168.7.3 ip dhcp excluded-address 192.168.27.1 192.168.27.3

ip dhcp excluded-address 192.168.47.1 192.168.47.3 ip dhcp excluded-address 192.168.67.1 192.168.67.3

ip dhcp excluded-address 192.168.87.1 192.168.87.3 ip dhcp excluded-address 192.168.107.1 192.168.107.3 ip dhcp excluded-address 192.168.7.249 192.168.7.254

ip dhcp excluded-address 192.168.27.249 192.168.27.254 ip dhcp excluded-address 192.168.47.249 192.168.47.254 ip dhcp excluded-address 192.168.67.249 192.168.67.254

ip dhcp excluded-address 192.168.87.249 192.168.87.254

ip dhcp excluded-address 192.168.107.249 192.168.107.254

! Last configuration change at 20:30:27 UTC Tue Jun 20 2023 ! NVRAM config last updated at 20:34:50 UTC Tue Jun 20 2023

