!

! Last configuration change at 09:13:19 UTC Tue Aug 6 2024

!

version 15.2

service timestamps debug datetime msec

service timestamps log datetime msec

service password-encryption

service compress-config

!

hostname DistSwHQ-2

!

boot-start-marker

boot-end-marker

!

!

logging discriminator EXCESS severity drops 6 msg-body drops EXCESSCOLL

!

no aaa new-model

!

!

!

!

!

ip arp inspection vlan 30,40

no ip icmp rate-limit unreachable

!

ip dhcp excluded-address 192.168.99.1 192.168.99.10

ip dhcp excluded-address 192.168.30.1 192.168.30.10

ip dhcp excluded-address 192.168.40.1 192.168.40.10

!

ip dhcp pool VLAN30

network 192.168.30.0 255.255.255.0

default-router 192.168.30.254

!

ip dhcp pool VLAN40

network 192.168.40.0 255.255.255.0

default-router 192.168.40.254

!

!

ip dhcp snooping vlan 30,40

ip dhcp snooping

no ip domain-lookup

ip domain-name example.com

no ip cef

no ipv6 cef

!

!

!

spanning-tree mode pvst

spanning-tree extend system-id

spanning-tree vlan 30 priority 4096

spanning-tree vlan 99 priority 8192

!

no cdp run

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface Port-channel1

switchport trunk allowed vlan 30,40,99

switchport trunk encapsulation dot1q

switchport mode trunk

!

interface Ethernet0/0

description Connection to Access SWs

switchport trunk allowed vlan 30,40,99

switchport trunk encapsulation dot1q

switchport mode trunk

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

ip arp inspection limit rate 100

spanning-tree guard root

ip dhcp snooping trust

!

interface Ethernet0/1

description to DistSwHQ-1

switchport trunk allowed vlan 30,40,99

switchport trunk encapsulation dot1q

switchport mode trunk

channel-group 1 mode active

ip dhcp snooping limit rate 15

!

interface Ethernet0/2

description to DistSwHQ-1

switchport trunk allowed vlan 30,40,99

switchport trunk encapsulation dot1q

switchport mode trunk

channel-group 1 mode active

ip dhcp snooping limit rate 15

!

interface Ethernet0/3

description to DistSwHQ-1

switchport trunk allowed vlan 30,40,99

switchport trunk encapsulation dot1q

switchport mode trunk

channel-group 1 mode active

!

interface Ethernet1/0

description Uplinks

no switchport

ip address 192.168.100.5 255.255.255.252

!

interface Ethernet1/1

description VRRP 30 Subnet

no switchport

ip address 192.168.100.17 255.255.255.252

!

interface Ethernet1/2

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

spanning-tree guard root

!

interface Ethernet1/3

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Ethernet2/0

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Ethernet2/1

description Connection to Access SWs

switchport trunk allowed vlan 30,40,99

switchport trunk encapsulation dot1q

switchport mode trunk

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

ip arp inspection limit rate 100

spanning-tree guard root

ip dhcp snooping trust

!

interface Ethernet2/2

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Ethernet2/3

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Ethernet3/0

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Ethernet3/1

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Ethernet3/2

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Ethernet3/3

switchport mode access

switchport port-security maximum 2

switchport port-security violation restrict

switchport port-security aging time 2

switchport port-security

shutdown

!

interface Vlan1

ip address 192.168.1.10 255.255.255.0

!

interface Vlan30

ip address 192.168.30.2 255.255.255.0

vrrp 30 ip 192.168.30.254

vrrp 30 priority 110

!

interface Vlan40

ip address 192.168.40.2 255.255.255.0

!

interface Vlan99

ip address 192.168.99.2 255.255.255.0

vrrp 99 ip 192.168.99.254

vrrp 99 priority 90

!

router ospf 1

router-id 6.6.6.6

network 192.168.30.0 0.0.0.255 area 0

network 192.168.40.0 0.0.0.255 area 0

network 192.168.99.0 0.0.0.255 area 0

network 192.168.100.4 0.0.0.3 area 0

network 192.168.100.16 0.0.0.3 area 0

!

ip default-gateway 192.168.1.1

ip forward-protocol nd

!

ip tcp synwait-time 5

ip http server

!

ip ssh server algorithm encryption aes128-ctr aes192-ctr aes256-ctr

ip ssh client algorithm encryption aes128-ctr aes192-ctr aes256-ctr

!

!

!

!

snmp-server community public RO

snmp-server community private RW

!

control-plane

!

banner motd Authorized Access Only!

!

line con 0

exec-timeout 0 0

privilege level 15

password 7 0625002F5F41051C351601181B0B382F

logging synchronous

login

line aux 0

exec-timeout 0 0

privilege level 15

logging synchronous

line vty 0 4

password 7 0032273F345A1815182E5E4A

login

transport input ssh

!

ntp server 192.168.1.2

!

!

end