R1

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname R1

!

!

!

!

!

!

!

!

ip cef

no ipv6 cef

!

!

!

username admin privilege 15 password 0 secret

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

!

interface FastEthernet0/0

no ip address

duplex auto

speed auto

!

interface FastEthernet0/0.10

description Interface for VLAN 10

encapsulation dot1Q 10

ip address 192.168.10.11 255.255.255.0

!

interface FastEthernet0/0.20

description Interface for VLAN 20

encapsulation dot1Q 20

ip address 192.168.20.11 255.255.255.0

!

interface FastEthernet0/0.30

description Interface for VLAN 30

encapsulation dot1Q 30

ip address 192.168.30.11 255.255.255.0

!

interface FastEthernet0/0.40

description Interface for VLAN 40

encapsulation dot1Q 40

ip address 192.168.40.11 255.255.255.0

!

interface FastEthernet0/0.99

description Interface for VLAN 99

encapsulation dot1Q 99

ip address 192.168.99.11 255.255.255.0

!

interface FastEthernet0/1

no ip address

duplex auto

speed auto

shutdown

!

ip classless

!

ip flow-export version 9

!

!

!

banner motd ^CCourtney Hagen w0263284^C

!

!

!

!

!

line con 0

!

line aux 0

!

line vty 0 4

login local

line vty 5

login local

!

!

!

End

SW0

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname SW0

!

!

!

!

username admin privilege 15 password 0 secret

!

!

spanning-tree mode pvst

spanning-tree extend system-id

spanning-tree vlan 10,20,30,40,99 priority 24576

!

interface Port-channel1

switchport mode trunk

!

interface FastEthernet0/1

description WSM1

switchport access vlan 10

!

interface FastEthernet0/2

description WSM2

switchport access vlan 10

!

interface FastEthernet0/3

description WSM3

switchport access vlan 10

!

interface FastEthernet0/4

description WSM4

switchport access vlan 10

!

interface FastEthernet0/5

description WSM5

switchport access vlan 10

!

interface FastEthernet0/6

description WSA1

switchport access vlan 20

!

interface FastEthernet0/7

description WSA2

switchport access vlan 20

!

interface FastEthernet0/8

description WSA3

switchport access vlan 20

!

interface FastEthernet0/9

description WSA4

switchport access vlan 20

!

interface FastEthernet0/10

description WSF1

switchport access vlan 30

!

interface FastEthernet0/11

!

interface FastEthernet0/12

!

interface FastEthernet0/13

!

interface FastEthernet0/14

!

interface FastEthernet0/15

!

interface FastEthernet0/16

!

interface FastEthernet0/17

!

interface FastEthernet0/18

description WSX1

switchport access vlan 40

switchport mode trunk

!

interface FastEthernet0/19

description WSX2

switchport access vlan 40

switchport mode trunk

!

interface FastEthernet0/20

!

interface FastEthernet0/21

!

interface FastEthernet0/22

!

interface FastEthernet0/23

switchport mode trunk

!

interface FastEthernet0/24

description SW0

switchport access vlan 99

switchport mode access

!

interface GigabitEthernet0/1

switchport mode trunk

channel-group 1 mode active

!

interface GigabitEthernet0/2

switchport mode trunk

channel-group 1 mode active

!

interface Vlan1

no ip address

shutdown

!

interface Vlan10

mac-address 0001.4208.d801

ip address 192.168.10.12 255.255.255.0

!

interface Vlan20

mac-address 0001.4208.d802

ip address 192.168.20.12 255.255.255.0

!

interface Vlan30

mac-address 0001.4208.d803

ip address 192.168.30.12 255.255.255.0

!

interface Vlan40

mac-address 0001.4208.d804

ip address 192.168.40.12 255.255.255.0

!

interface Vlan99

mac-address 0001.4208.d805

ip address 192.168.99.12 255.255.255.0

!

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!

!

!

line con 0

!

line vty 0 4

login local

line vty 5

login local

line vty 6 15

login

!

!

!

!

End

SW1

no service timestamps log datetime msec

no service timestamps debug datetime msec

no service password-encryption

!

hostname SW1

!

!

!

!

username admin privilege 15 password 0 secret

!

!

spanning-tree mode pvst

spanning-tree extend system-id

!

interface Port-channel1

switchport mode trunk

!

interface FastEthernet0/1

description WSM6

switchport access vlan 10

!

interface FastEthernet0/2

description WSM7

switchport access vlan 10

!

interface FastEthernet0/3

description WSM8

switchport access vlan 10

!

interface FastEthernet0/4

description WSM9

switchport access vlan 10

!

interface FastEthernet0/5

description WSM10

switchport access vlan 10

!

interface FastEthernet0/6

description WSA5

switchport access vlan 20

!

interface FastEthernet0/7

description WSA6

switchport access vlan 20

!

interface FastEthernet0/8

description WSA7

switchport access vlan 20

!

interface FastEthernet0/9

description WSA8

switchport access vlan 20

!

interface FastEthernet0/10

description WSF2

switchport access vlan 30

!

interface FastEthernet0/11

!

interface FastEthernet0/12

!

interface FastEthernet0/13

!

interface FastEthernet0/14

!

interface FastEthernet0/15

!

interface FastEthernet0/16

!

interface FastEthernet0/17

!

interface FastEthernet0/18

description WSX3

switchport access vlan 40

switchport mode trunk

!

interface FastEthernet0/19

description WSX4

switchport access vlan 40

switchport mode trunk

!

interface FastEthernet0/20

!

interface FastEthernet0/21

!

interface FastEthernet0/22

!

interface FastEthernet0/23

!

interface FastEthernet0/24

description SW1

switchport access vlan 99

switchport mode access

!

interface GigabitEthernet0/1

switchport mode trunk

channel-group 1 mode active

!

interface GigabitEthernet0/2

switchport mode trunk

channel-group 1 mode active

!

interface Vlan1

no ip address

shutdown

!

interface Vlan10

mac-address 000d.bd97.a301

ip address 192.168.10.12 255.255.255.0

!

interface Vlan20

mac-address 000d.bd97.a302

ip address 192.168.20.12 255.255.255.0

!

interface Vlan30

mac-address 000d.bd97.a303

ip address 192.168.30.12 255.255.255.0

!

interface Vlan40

mac-address 000d.bd97.a304

ip address 192.168.40.12 255.255.255.0

!

interface Vlan99

mac-address 000d.bd97.a305

ip address 192.168.99.12 255.255.255.0

!

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!

!

!

line con 0

!

line vty 0 4

login local

line vty 5

login local

line vty 6 15

login

!

!

!

!

end