

!Current Configuration:

!

!System Description "M4300-28G ProSAFE 24-port 1G and 2-port 10GBASE-T and 2-port 10G SFP+,
12.0.2.17, 1.0.0.8"

!System Software Version "12.0.2.17"

!System Up Time "23 days 15 hrs 32 mins 42 secs"

!Additional Packages QOS,Multicast,IPv6,IPv6 Management,Stacking,Routing

!Current SNTP Synchronized Time: SNTP Client Mode Is Disabled

!

vlan database

vlan 16,18-19

vlan name 16 "SERVERS"

vlan name 18 "MANAGEMENT"

vlan name 19 "Guest-WiFi"

vlan routing 1 1

vlan routing 16 2

vlan routing 18 3

vlan routing 19 4

exit

configure

no sntp client mode

stack

member 1 1

member 2 1

member 3 1

exit

switch 1 priority 15

switch 2 priority 14

switch 3 priority 13

logging host "172.16.2.58" ipv4 514 alert

```
logging syslog
slot 1/0 1
set slot power 1/0
no set slot disable 1/0
slot 2/0 1
set slot power 2/0
no set slot disable 2/0
slot 3/0 1
set slot power 3/0
no set slot disable 3/0
ip helper enable
username "admin" password *****
level 15 encrypted
line console
exit
line telnet
exit
line ssh
exit
!
access-list 101 deny ip 172.29.0.0 0.0.7.255 172.19.0.0 0.0.0.255
access-list 101 deny ip 172.29.0.0 0.0.7.255 172.16.0.0 0.0.0.255
access-list 101 deny ip 172.29.0.0 0.0.7.255 172.18.0.0 0.0.0.255
access-list 101 permit ip any any
access-list 102 permit ip 172.19.0.0 0.0.0.255 host 172.29.0.3
access-list 102 deny ip 172.19.0.0 0.0.0.255 172.29.0.0 0.0.7.255
access-list 102 deny ip 172.19.0.0 0.0.0.255 172.16.0.0 0.0.0.255
access-list 102 deny ip 172.19.0.0 0.0.0.255 172.18.0.0 0.0.0.255
access-list 102 permit ip any any
access-list 103 permit ip 172.16.0.0 0.0.0.255 host 172.29.0.1
```

```
access-list 103 deny ip 172.16.0.0 0.0.0.255 172.29.0.0 0.0.7.255
access-list 103 deny ip 172.16.0.0 0.0.0.255 172.19.0.0 0.0.0.255
access-list 103 deny ip 172.16.0.0 0.0.0.255 172.18.0.0 0.0.0.255
access-list 103 permit ip any any
access-list 104 permit ip 172.18.0.0 0.0.0.255 host 172.29.0.1
access-list 104 deny ip 172.18.0.0 0.0.0.255 172.29.0.0 0.0.7.255
access-list 104 deny ip 172.18.0.0 0.0.0.255 172.19.0.0 0.0.0.255
access-list 104 deny ip 172.18.0.0 0.0.0.255 172.16.0.0 0.0.0.255
access-list 104 permit ip any any
ip access-group 102 vlan 19 in 20
interface 1/0/1
switchport mode trunk
exit
interface 1/0/2
switchport mode trunk
exit
interface 1/0/3
switchport mode trunk
exit
interface 1/0/4
switchport mode trunk
exit
interface 1/0/5
switchport mode trunk
exit
interface 1/0/6
switchport mode trunk
exit
interface 1/0/7
switchport mode trunk
```

```
exit
interface 1/0/8
switchport mode trunk
exit
interface 1/0/9
switchport mode trunk
exit
interface 1/0/10
switchport mode trunk
exit
interface 1/0/11
switchport mode trunk
exit
interface 1/0/12
switchport mode trunk
exit
interface 1/0/13
vlan pvid 16
vlan participation auto 1
vlan participation include 16
exit
interface 1/0/14
vlan pvid 16
vlan participation auto 1
vlan participation include 16
exit
interface 1/0/15
vlan pvid 16
vlan participation auto 1
vlan participation include 16
```

exit

interface 1/0/16

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 1/0/17

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 1/0/18

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 1/0/19

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 1/0/20

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 1/0/21

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/1

switchport mode trunk

exit

interface 2/0/2

switchport mode trunk

exit

interface 2/0/3

switchport mode trunk

exit

interface 2/0/4

switchport mode trunk

exit

interface 2/0/5

switchport mode trunk

exit

interface 2/0/6

switchport mode trunk

exit

interface 2/0/7

switchport mode trunk

exit

interface 2/0/8

switchport mode trunk

exit

interface 2/0/9

switchport mode trunk

exit

interface 2/0/10

switchport mode trunk

exit

interface 2/0/11

switchport mode trunk

exit

interface 2/0/12

switchport mode trunk

exit

interface 2/0/13

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/14

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/15

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/16

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/17

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/18

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/19

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 2/0/20

vlan pvid 16

vlan participation auto 1

vlan participation include 16

exit

interface 3/0/1

switchport mode trunk

exit

interface 3/0/2

switchport mode trunk

exit

interface 3/0/3

switchport mode trunk

exit

interface 3/0/4

switchport mode trunk

exit

interface 3/0/5


```
switchport mode trunk
exit
interface 3/0/6
switchport mode trunk
exit
interface 3/0/7
switchport mode trunk
exit
interface 3/0/8
switchport mode trunk
exit
interface 3/0/9
switchport mode trunk
exit
interface 3/0/10
vlan pvid 16
vlan participation auto 1
vlan participation include 16
exit
interface 3/0/11
switchport mode trunk
exit
interface 3/0/12
switchport mode trunk
exit
interface 3/0/14
vlan pvid 16
vlan participation auto 1
vlan participation include 16
exit
```

```
interface 3/0/15
vlan pvid 16
vlan participation auto 1
vlan participation include 16
exit
interface 3/0/19
vlan pvid 16
vlan participation auto 1
vlan participation include 16
exit
interface vlan 1
routing
ip address 172.29.0.1 255.255.248.0
exit
interface vlan 16
routing
ip address 172.16.0.1 255.255.252.0
exit
interface vlan 18
routing
ip address 172.18.0.1 255.255.255.0
exit
interface vlan 19
routing
ip address 172.19.0.1 255.255.255.0
exit
ip management vlan 1 172.29.0.1 255.255.248.0
router rip
exit
router ospf
```

```
exit
ipv6 router ospf
exit
service dhcp
ip dhcp excluded-address 172.19.0.1 172.19.0.20
ip dhcp excluded-address 172.19.0.254 172.19.0.254
ip dhcp excluded-address 172.19.0.253 172.19.0.253
ip dhcp pool "Guest VLAN DHCP"
lease 0 6 0
dns-server 172.29.0.3 8.8.8.8 4.4.2.2
default-router 172.19.0.1
network 172.19.0.0 255.255.255.0
netbios-node-type b-node
exit
ip default-gateway 172.29.0.3
ip route 172.16.0.0 255.255.252.0 172.29.0.3 254 description test
ip route 172.29.0.0 255.255.248.0 172.16.2.58 255 description Log
exit
```