

<https://www.experts-exchange.com/questions/24342773/Inter-Vlan-Routing-and-Routing-to-Internet-on-3com-4800G-Core-Switch.html>

```
#
version 5.20 Release 2202P01, Release 2202P01
#
sysname 4800G-CORE
#
irf mac-address persistent timer
irf auto-update enable
undo irf link-delay
#
domain default enable system
#
telnet server enable
#
undo cluster enable
#
igmp-snooping
#
vlan 1
description DEFAULT
igmp-snooping enable
#
vlan 2
description 2
ip-subnet-vlan 0 ip 192.168.101.1 255.255.255.0
#
vlan 3
description 3
ip-subnet-vlan 0 ip 192.168.102.1 255.255.255.0
#
vlan 4
description 4
ip-subnet-vlan 0 ip 192.168.103.1 255.255.255.0
#
vlan 5
description 5
ip-subnet-vlan 0 ip 192.168.104.1 255.255.255.0
#
vlan 6
description 6
ip-subnet-vlan 0 ip 192.168.105.1 255.255.255.0
```

```
#
vlan 7
  description 7
  ip-subnet-vlan 0 ip 192.168.106.1 255.255.255.0
#
vlan 8
  description 8
  ip-subnet-vlan 0 ip 192.168.107.1 255.255.255.0
#vlan 9
  description 9
  ip-subnet-vlan 0 ip 192.168.108.1 255.255.255.0
#
radius scheme system
  server-type extended
  primary authentication 127.0.0.1 1645
  primary accounting 127.0.0.1 1646
  user-name-format without-domain
#
domain system
  access-limit disable
  state active
  idle-cut disable
  self-service-url disable
#
dhcp server ip-pool 1
  network 192.168.102.0 mask 255.255.255.0
#
user-group system
#
local-user admin
  authorization-attribute level 3
  service-type telnet terminal
local-user manager
  password simple manager
  authorization-attribute level 2
  service-type telnet terminal
local-user monitor
  password simple monitor
  authorization-attribute level 1
  service-type telnet terminal
#
interface Bridge-Aggregation1
  port link-type trunk
  port trunk permit vlan all
  link-aggregation mode dynamic
#
interface Bridge-Aggregation2
```

```
port link-type trunk
port trunk permit vlan all
link-aggregation mode dynamic
#
interface Bridge-Aggregation3
port link-type trunk
port trunk permit vlan all
link-aggregation mode dynamic
#
interface Bridge-Aggregation4
port link-type trunk
port trunk permit vlan all
link-aggregation mode dynamic
#
interface Bridge-Aggregation5
#
interface NULL0
#
interface Vlan-interface1
ip address 192.168.100.2 255.255.255.0
#
interface Vlan-interface2
ip address 192.168.101.1 255.255.255.0
#
interface Vlan-interface3
ip address 192.168.102.1 255.255.255.0
#
interface Vlan-interface4
ip address 192.168.103.1 255.255.255.0
#
interface Vlan-interface5
ip address 192.168.104.1 255.255.255.0
#
interface Vlan-interface6
ip address 192.168.105.1 255.255.255.0
#
interface Vlan-interface7
ip address 192.168.106.1 255.255.255.0
#
interface Vlan-interface8
ip address 192.168.107.1 255.255.255.0
#
interface Vlan-interface9
ip address 192.168.108.1 255.255.255.0
#
interface GigabitEthernet1/0/1
broadcast-suppression pps 3000
```

```
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/2
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/3
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/4
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/5
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/6
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/7
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/8
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/9
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/10
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
```

```
#
interface GigabitEthernet1/0/11
  port link-type trunk
  port trunk permit vlan all
  broadcast-suppression pps 3000
  undo jumboframe enable
  stp edged-port enable
  port link-aggregation group 4
#
interface GigabitEthernet1/0/12
  port link-type trunk
  port trunk permit vlan all
  broadcast-suppression pps 3000
  undo jumboframe enable
  stp edged-port enable
  port link-aggregation group 4
#
interface GigabitEthernet1/0/13
  port link-type trunk
  port trunk permit vlan all
  broadcast-suppression pps 3000
  undo jumboframe enable
  stp edged-port enable
  port link-aggregation group 1
#
interface GigabitEthernet1/0/14
  port link-type trunk
  port trunk permit vlan all
  broadcast-suppression pps 3000
  undo jumboframe enable
  stp edged-port enable
  port link-aggregation group 1
#
interface GigabitEthernet1/0/15
  port link-type trunk
  port trunk permit vlan all
  broadcast-suppression pps 3000
  undo jumboframe enable
  stp edged-port enable
  port link-aggregation group 1
#
interface GigabitEthernet1/0/16
  port link-type trunk
  port trunk permit vlan all
  broadcast-suppression pps 3000
  undo jumboframe enable
  stp edged-port enable
```

```
port link-aggregation group 1
#
interface GigabitEthernet1/0/17
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
port link-aggregation group 2
#
interface GigabitEthernet1/0/18
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
port link-aggregation group 2
#
interface GigabitEthernet1/0/19
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
port link-aggregation group 2
#
interface GigabitEthernet1/0/20
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
port link-aggregation group 2
#
interface GigabitEthernet1/0/21
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
port link-aggregation group 3
#
interface GigabitEthernet1/0/22
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
```

```
stp edged-port enable
port link-aggregation group 3
#
interface GigabitEthernet1/0/23
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
port link-aggregation group 3
#
interface GigabitEthernet1/0/24
port link-type trunk
port trunk permit vlan all
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
port link-aggregation group 3
#
interface GigabitEthernet1/0/25
shutdown
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/26
shutdown
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/27
shutdown
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
interface GigabitEthernet1/0/28
shutdown
broadcast-suppression pps 3000
undo jumboframe enable
stp edged-port enable
#
ip route-static 192.168.100.0 255.255.255.0 192.168.100.1
ip route-static 192.168.101.0 255.255.255.0 192.168.101.1
ip route-static 192.168.102.0 255.255.255.0 192.168.102.1
ip route-static 192.168.102.0 255.255.255.0 192.168.101.1
```

```
ip route-static 192.168.103.0 255.255.255.0 192.168.103.1
ip route-static 192.168.104.0 255.255.255.0 192.168.104.1
ip route-static 192.168.105.0 255.255.255.0 192.168.105.1
ip route-static 192.168.106.0 255.255.255.0 192.168.106.1
ip route-static 192.168.107.0 255.255.255.0 192.168.107.1
ip route-static 192.168.108.0 255.255.255.0 192.168.108.1
#
snmp-agent
snmp-agent local-engineid 8000002B03001EC16FA6A9
snmp-agent community read public
snmp-agent community write private
snmp-agent sys-info contact
snmp-agent sys-info location
snmp-agent sys-info version all
#
dhcp enable
#
user-interface aux 0
 authentication-mode scheme
user-interface aux 1 8
user-interface vty 0 4
 authentication-mode scheme
#
return
```