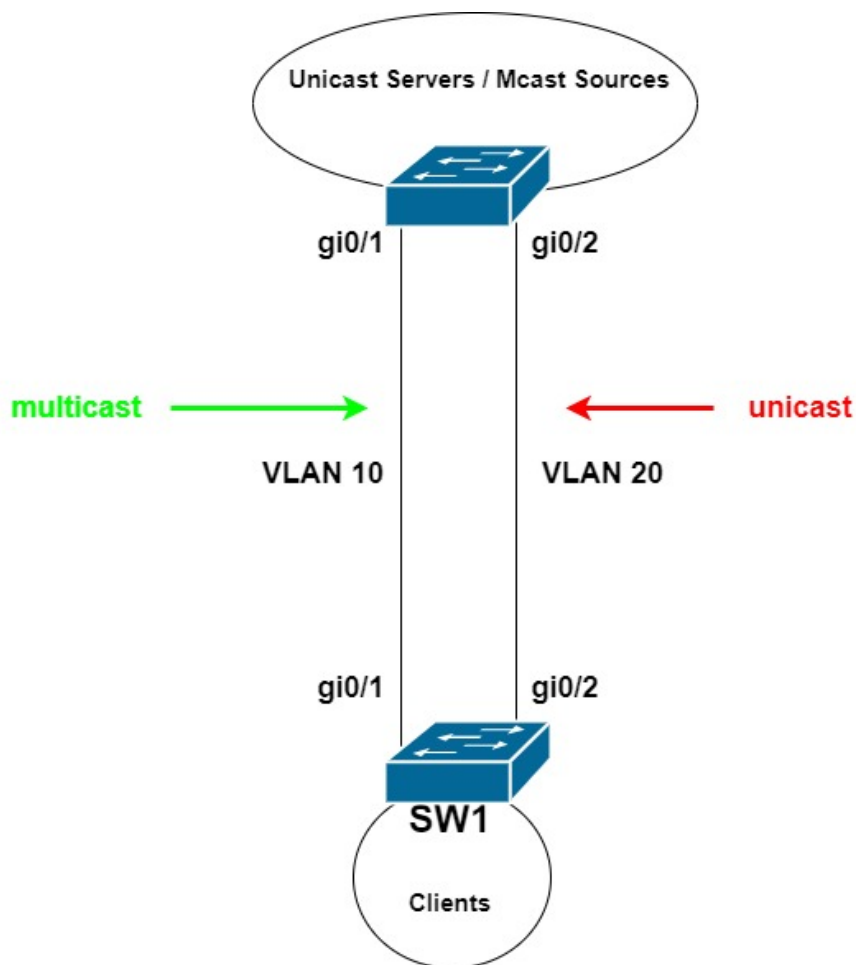


# Multicast BGP (mBGP) MES23xx/33xx/35xx/5324

Multicast BGP   Unicast   Multicast   .

mBGP   -.



SW1 :

STP, vlan database, IP-, PIM

```
console(config)# no spanning-tree
console(config)# vlan 10,20
```

```
console(config)# interface gigabitethernet1/0/1
console(config-if)# switchport access vlan 10
```

```
console(config)# interface gigabitethernet1/0/2
console(config-if)# switchport access vlan 20
```

```
console(config)# interface vlan 10
console(config-if)# ip address 1.1.1.1 255.255.255.252
console(config-if)# ip pim
```

```
console(config)# interface vlan 20
console(config-if)# ip address 2.2.2.1 255.255.255.252
console(config-if)# ip pim
```

```
console(config)# interface loopback 1
console(config-if)# ip address 4.4.4.4 255.255.255.255
```

#### PIM

```
console(config)# ip multicast-routing pim
```

#### BGP

```
console(config)# router bgp 64100
console(config-bgp)# bgp router-id 4.4.4.4
```

#### Unicast Multicast AF BGP

```
console(config-bgp)# address-family ipv4 unicast
console(config-bgp-af)# exit
```

```
console(config-bgp)# address-family ipv4 multicast
console(config-bgp-af)# exit
```

```
console(config-bgp)# neighbor 1.1.1.2
console(config-bgp-nbr)# remote-as 64100
console(config-bgp-nbr)# update-source vlan 10
```

#### AF multicast , - . AF multicast .

```
console(config-bgp-nbr)# address-family ipv4 multicast
console(config-bgp-nbr-af)# exit
console(config-bgp-nbr)# exit
```

#### . AF unicast.

```
console(config-bgp)# neighbor 2.2.2.1
console(config-bgp-nbr)# remote-as 64100
console(config-bgp-nbr)# update-source vlan 20
console(config-bgp-nbr)# address-family ipv4 unicast
console(config-bgp-nbr-af)# exit
console(config-bgp-nbr)# exit
console(config-bgp)# exit
```

#### PIM RP-

```
console(config)# ip pim rp-address 1.1.1.1
```

#### AF Multicast RPF PIM -.

:

```
show ip bgp all all -
```

```
sh ip bgp all all neighbors - BGP- AF
```