```
Switch(config)# show run
...
ip routing          ◄─────────────────  Enables IP routing; required for multicast routing.
ip multicast-routing
...
vlan 29
   name "VLAN29"
   untagged A11-A15,A17
   ip address 10.29.30.1 255.255.255.0
   ip igmp
   exit                                  Multinetting and IGMP enabled in VLAN 25.
vlan 25
   name "VLAN25"
   untagged A20-A24
   ip address 10.38.10.1 255.255.255.0
   ip address 10.38.11.1 255.255.255.0
   ip address 10.38.12.1 255.255.255.0
     ip igmp
   exit
vlan 27
   name "VLAN27"
   untagged A6-A10,A18
   ip address 10.27.30.1 255.255.255.0
   ip igmp
   exit
router rip
enable
   exit                                  Multicast Routing Configuration for Global Level..
router pim
enable
   state-refresh 45
   trap hardware-mrt-full
   exit
vlan 25
   ip rip 10.38.10.1                     Indicates the source-IP-address for multicast packets
   ip rip 10.38.11.1                     forwarded on this VLAN.
     ip pim-dense
     ip-addr 10.38.10.1
       exit                              Multicast Routing Configuration for VLAN 25.
vlan 27
   untagged <port>
     ip address <ip address> <subnet mask>
     ip rip <ip address>
     ip pim-dense
       ip-addr any
       exit
vlan 29
   untagged <port>
     ip address <ip address> <subnet mask>
     ip rip <ip address>
     ip pim-dense
       ip-addr any
       exit
```

Multicast Routing Configurations for VLANs 27 and VLANs 29

Note: Dashed lines indicate configuration settings affecting multicast routing.