



On the three routing switches, VLAN 25 is multinetted with subnets that match in only one instance. Since subnet 10.38.10.x exists on VLAN 25 in all routing switches, it serves as the source IP address for multicast traffic outbound on VLAN 25 for the network.

The remaining VLANs (27, 28, 29, and 30) in the network are not multinetted on the routing switches and it is not necessary to configure a source address for multicast routing on these other VLANs.

In this example, the multicast source transmits packets with a TTL (time-to-live) of 192. To prevent these packets from moving beyond routers 2 and 3, you would configure the TTL in the downstream routers (below routers 2 and 3) at 190. (It is not necessary to configure the TTL on routers 1 - 3.)