

Lab Setup:

VLANs:

- F0/0 interface of BB1 and R1 should be configured in VLAN 11
- F0/0 interface of R3 should be configured in VLAN 3
- F0/0 interface of BB2 and R2 should be in VLAN 22
- F0/0 interface of R5 and R6 should be configured in VLAN 56
- F0/1 interface of R2 should be configured in VLAN 2
- F0/0 interface of R4 should be configured in VLAN 4

Frame-relay:

- R4 should be configured with two sub-interfaces in a point-to-point manner, one connecting R4 to R5 and the second one connecting R4 to R6.
- R5 and R6 should each be configured with a single point-to-point sub-interface connection to R4.
- R1 should be configured with three point-to-point sub-interfaces connecting it to routers R2, R3 and R4.
- Routers R2, R3 and R4 should be configured with a point-to-point frame-relay connection to R1.
- Configure the bandwidth of R4's point-to-point frame-relay connection to R5 to be 512 Kbps.