

LAB 4 VRRP

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- The diagram illustrates a network topology for VLAN configuration and inter-VLAN routing. It features three main VLANs: VLAN 100 (blue), VLAN 101 (red), and VLAN 201 (green). Each VLAN has its own set of access ports on switches R1 through R7. A central 3560G switch acts as the core, connecting to all three VLANs. The diagram also shows a 2621XM switch connected to the 3560G switch via a trunk link. The 2621XM switch has access ports for VLAN 100 and VLAN 101. The 3560G switch has access ports for all three VLANs. The diagram includes IP addresses for each VLAN and the switches.
- VLAN 100 (Blue):**
- Access Ports: R1 (Fa2 vl 101, 10.10.101.201/24), R2 (Fa2 vl 101, 10.10.101.202/24), R3 (Fa2 vl 101, 10.10.101.203/24), R4 (Fa2 vl 101, 10.10.101.204/24), R5 (Fa2 vl 101, 10.10.101.205/24), R6 (Fa2 vl 101, 10.10.101.206/24), R7 (Fa2 vl 101, 10.10.101.207/24).
 - Access Ports: R1 (Fa9 vl 100, 10.10.100.201/24), R2 (Fa9 vl 100, 10.10.100.202/24), R3 (Fa9 vl 100, 10.10.100.203/24), R4 (Fa9 vl 100, 10.10.100.204/24), R5 (Fa9 vl 100, 10.10.100.205/24), R6 (Fa9 vl 100, 10.10.100.206/24), R7 (Fa9 vl 100, 10.10.100.207/24).
 - Core Switch (3560G): vl 100, 10.10.100.250/24.
 - Trunk Link (2621XM): Fa0/0, 10.10.100.240/24; Fa0/1, 10.10.101.240/24.
- VLAN 101 (Red):**
- Access Ports: R1 (Fa2 vl 101, 10.10.101.201/24), R2 (Fa2 vl 101, 10.10.101.202/24), R3 (Fa2 vl 101, 10.10.101.203/24), R4 (Fa2 vl 101, 10.10.101.204/24), R5 (Fa2 vl 101, 10.10.101.205/24), R6 (Fa2 vl 101, 10.10.101.206/24), R7 (Fa2 vl 101, 10.10.101.207/24).
 - Access Ports: R1 (Fa9 vl 100, 10.10.100.201/24), R2 (Fa9 vl 100, 10.10.100.202/24), R3 (Fa9 vl 100, 10.10.100.203/24), R4 (Fa9 vl 100, 10.10.100.204/24), R5 (Fa9 vl 100, 10.10.100.205/24), R6 (Fa9 vl 100, 10.10.100.206/24), R7 (Fa9 vl 100, 10.10.100.207/24).
 - Core Switch (3560G): vl 101, 10.10.101.250/24.
- VLAN 201 (Green):**
- Access Ports: R1 (Fa3 vl 201, 10.10.201.1/24), R2 (Fa3 vl 201, 10.10.201.2/24), R3 (Fa3 vl 201, 10.10.201.3/24), R4 (Fa3 vl 201, 10.10.201.4/24), R5 (Fa3 vl 201, 10.10.201.5/24), R6 (Fa3 vl 201, 10.10.201.6/24), R7 (Fa3 vl 201, 10.10.201.7/24).
 - Core Switch (3560G): vl 201, 10.10.201.250/24.
- Core Switch (3560G):**
- vl 100, 10.10.100.250/24
 - vl 101, 10.10.101.250/24
 - vl 201, 10.10.201.250/24
- Trunk Link (2621XM):**
- Fa0/0, 10.10.100.240/24
 - Fa0/1, 10.10.101.240/24
- Other Devices:**
- PC1, PC2, PC3, PC4, PC5, PC6, PC7 (connected to R1-R7)
 - My PC (connected to R1)
 - PC3, PC4, PC5, PC6 (connected to 3560G)