Device	Interface	IP Address	Subnet Mask	VLAN
RO	Gigabit Ethernet 0/0	172.16.63.249	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	213.213.1.2	255.255.255.0	VLAN 1
R1	Gigabit Ethernet 0/0	172.16.63.250	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	172.16.7.249	255.255.255.248	VLAN 1
	Loopback 0	10.0.0.4	255.255.255	
R2	Gigabit Ethernet 0/0	172.16.63.251	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	172.16.15.249	255.255.255.248	VLAN 1
	Loopback 0	10.0.0.2	255.255.255	
R3	Gigabit Ethernet 0/0	172.16.63.252	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	172.16.23.249	255.255.255.248	VLAN 1
	Loopback 0	10.0.0.3	255.255.255	
R4	Gigabit Ethernet 0/0	172.16.63.253	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	172.16.31.249	255.255.255.248	VLAN 1
	Loopback 0	10.0.0.4	255.255.255	
R1.1	Gigabit Ethernet 0/0	172.16.7.250	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	172.16.0.1	255.255.254.0	VLAN 1
	Loopback 0	10.0.1.1	255.255.255	
R1.2	Gigabit Ethernet 0/0	172.16.7.251	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	172.16.2.1	255.255.254.0	VLAN 1
	Loopback 0	10.0.1.2	255.255.255	
R1.3	Gigabit Ethernet 0/0	172.16.7.252	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1	172.16.4.1	255.255.254.0	VLAN 1
	Loopback 0	10.0.1.3	255.255.255	

Device	Interface	IP Address	Subnet Mask	VLAN
R2.1	Gigabit Ethernet 0/0	172.16.15.250	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1.2	172.16.8.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.9.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.2.1	255.255.255	
R2.2	Gigabit Ethernet 0/0	172.16.15.251	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1.2	172.16.10.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.11.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.2.2	255.255.255	
	Gigabit Ethernet 0/0	172.16.15.252	255.255.255.248	VLAN 1
R2.3	Gigabit Ethernet 0/1.2	172.16.12.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.13.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.2.3	255.255.255	
	Gigabit Ethernet 0/0	172.16.23.250	255.255.255.248	VLAN 1
R3.1	Gigabit Ethernet 0/1.2	172.16.16.1	255.255.255.0	VLAN 2
N3.1	Gigabit Ethernet 0/1.3	172.16.17.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.3.1	255.255.255	
R3.2	Gigabit Ethernet 0/0	172.16.23.251	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1.2	172.16.18.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.19.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.3.2	255.255.255	
	Gigabit Ethernet 0/0	172.16.23.252	255.255.255.248	VLAN 1
R3.3	Gigabit Ethernet 0/1.2	172.16.20.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.21.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.3.3	255.255.255	

Device	Interface	IP Address	Subnet Mask	VLAN
R4.1	Gigabit Ethernet 0/0	172.16.31.250	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1.2	172.16.24.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.25.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.4.1	255.255.255.255	
R4.2	Gigabit Ethernet 0/0	172.16.31.251	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1.2	172.16.26.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.27.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.4.2	255.255.255.255	
R4.3	Gigabit Ethernet 0/0	172.16.31.252	255.255.255.248	VLAN 1
	Gigabit Ethernet 0/1.2	172.16.28.1	255.255.255.0	VLAN 2
	Gigabit Ethernet 0/1.3	172.16.29.1	255.255.255.240	VLAN 3
	Loopback 0	10.0.4.3	255.255.255.255	