

# Complete IP Address Table

## WAN Links (Serial Connections)

Device	Interface	IP Address	Subnet Mask	Network
Main Router	Serial0/0/0	10.0.1.1	255.255.255.252	10.0.1.0/30
Main Router	Serial0/0/1	10.0.2.1	255.255.255.252	10.0.2.0/30
Main Router	Serial0/1/0	10.0.3.1	255.255.255.252	10.0.3.0/30
Main Router	Serial0/1/1	10.0.4.1	255.255.255.252	10.0.4.0/30
R1	Serial0/0/0	10.0.1.2	255.255.255.252	10.0.1.0/30
R2	Serial0/0/0	10.0.2.2	255.255.255.252	10.0.2.0/30
R3	Serial0/0/0	10.0.3.2	255.255.255.252	10.0.3.0/30
R4	Serial0/0/0	10.0.4.2	255.255.255.252	10.0.4.0/30

## Router LAN Interfaces (Physical and Virtual)

Device	Interface	IP Address	Subnet Mask	VLAN	Network
Main Router	GigabitEthernet0/0	172.16.0.1	255.255.255.0	-	172.16.0.0/24
R1	GigabitEthernet0/0.10	192.168.1.1	255.255.255.0	10	192.168.1.0/24
R1	GigabitEthernet0/0.20	192.168.2.1	255.255.255.0	20	192.168.2.0/24
R1	GigabitEthernet0/0.30	192.168.3.1	255.255.255.0	30	192.168.3.0/24
R1	GigabitEthernet0/0.40	192.168.4.1	255.255.255.0	40	192.168.4.0/24
R2	GigabitEthernet0/0.10	192.168.1.2	255.255.255.0	10	192.168.1.0/24
R2	GigabitEthernet0/0.20	192.168.2.2	255.255.255.0	20	192.168.2.0/24
R2	GigabitEthernet0/0.30	192.168.3.2	255.255.255.0	30	192.168.3.0/24
R2	GigabitEthernet0/0.40	192.168.4.2	255.255.255.0	40	192.168.4.0/24
R3	GigabitEthernet0/0.10	192.168.1.3	255.255.255.0	10	192.168.1.0/24
R3	GigabitEthernet0/0.20	192.168.2.3	255.255.255.0	20	192.168.2.0/24
R3	GigabitEthernet0/0.30	192.168.3.3	255.255.255.0	30	192.168.3.0/24
R3	GigabitEthernet0/0.40	192.168.4.3	255.255.255.0	40	192.168.4.0/24
R4	GigabitEthernet0/0.10	192.168.1.4	255.255.255.0	10	192.168.1.0/24
R4	GigabitEthernet0/0.20	192.168.2.4	255.255.255.0	20	192.168.2.0/24
R4	GigabitEthernet0/0.30	192.168.3.4	255.255.255.0	30	192.168.3.0/24
R4	GigabitEthernet0/0.40	192.168.4.4	255.255.255.0	40	192.168.4.0/24

## HSRP Virtual IP Addresses

VLAN	Virtual IP	Primary Router	Priority
10	192.168.1.254	R1	110
20	192.168.2.254	R2	110
30	192.168.3.254	R3	110
40	192.168.4.254	R4	110

## End User Devices - PCs

Device	IP Address	Subnet Mask	Default Gateway	VLAN	Connected to
PC1	192.168.1.11	255.255.255.0	192.168.1.254	10	S1
PC2	192.168.1.12	255.255.255.0	192.168.1.254	10	S1
PC3	192.168.1.13	255.255.255.0	192.168.1.254	10	S1
PC4	192.168.2.11	255.255.255.0	192.168.2.254	20	S2
PC5	192.168.2.12	255.255.255.0	192.168.2.254	20	S2
PC6	192.168.2.13	255.255.255.0	192.168.2.254	20	S2
PC7	192.168.3.11	255.255.255.0	192.168.3.254	30	S3
PC8	192.168.3.12	255.255.255.0	192.168.3.254	30	S3
PC9	192.168.3.13	255.255.255.0	192.168.3.254	30	S3
PC10	192.168.4.11	255.255.255.0	192.168.4.254	40	S4
PC11	192.168.4.12	255.255.255.0	192.168.4.254	40	S4
PC12	192.168.4.13	255.255.255.0	192.168.4.254	40	S4

## Server

Device	IP Address	Subnet Mask	Default Gateway	Connected to
Server	172.16.0.10	255.255.255.0	172.16.0.1	Main Router G0/0

## OSPF Router IDs

Device	Router ID
Main Router	1.1.1.1
R1	1.0.0.1
R2	2.0.0.1
R3	3.0.0.1
R4	4.0.0.1