

Subnet Name	Hosts Needed	Allocated Size	Mask/CIDR	Assignable Range	Broadcast Address
Finance VLAN10	59	62	/26	10.10.90.1 - 10.10.90.62	255.255.255.192
Sales VLAN20	53	62	/26	10.10.90.65 - 10.10.90.126	255.255.255.192
HR VLAN30	43	62	/26	10.10.90.129 - 10.10.90.190	255.255.255.192
Management VLAN40	23	30	/27	10.10.90.193 - 10.10.90.222	255.255.255.224
NTAdmin VLAN99	7	14	/28	10.10.90.225 - 10.10.90.238	255.255.255.240
Guest VLAN60	4	6	/29	10.10.90.241 - 10.10.90.246	255.255.255.248

Device	Interface	IP Address	Subnet Mask	Default Gateway	Port
Floor 6	Upstream	192.168.65.2	Point to Point	N/A	Gi1/1/2
	Downstream	192.168.60.1	Point to Point	N/A	Gi1/1/1
	VLAN 10	10.10.60.1	255.255.255.192	N/A	Gi1/0/1-4
	VLAN 20	10.10.60.65	255.255.255.192	N/A	Gi1/0/5-7
	VLAN 30	10.10.60.129	255.255.255.192	N/A	Gi1/0/8-9
	VLAN 40	10.10.60.193	255.255.255.224	N/A	Gi1/0/10
	VLAN 99	10.10.60.225	255.255.255.240	N/A	Gi1/0/12
	VLAN 60	10.10.60.241	255.255.255.248	N/A	Gi1/0/11
Fin-Printer	NIC	10.10.60.5	255.255.255.192	10.10.60.1	Gi1/0/3
Sales-Printer	NIC	10.10.60.70	255.255.255.192	10.10.60.65	Gi1/0/6
HR-Printer	NIC	10.10.60.134	255.255.255.192	10.10.60.129	Gi1/0/9
MAN-Printer	NIC	10.10.60.198	255.255.255.224	10.10.60.193	Gi1/0/10
NTAD-Printer	NIC	10.10.60.230	255.255.255.240	10.10.60.225	Gi1/0/12
Guest-Printer	NIC	10.10.60.244	255.255.255.248	10.10.60.241	Gi1/0/11

Exclusions

VLAN	IP Range
10	10.10.60.1 - 10.10.60.5
20	10.10.60.65 - 10.10.60.70
30	10.10.60.129 - 10.10.60.134
40	10.10.60.193 - 10.10.60.198
60	10.10.60.241 - 10.10.60.244
99	10.10.60.225 - 10.10.60.230