

IP Plan

For Vlans

Vlan Name	Network & Subnet	Broadcast	Default Gateway	Host range
Management	192.168.10.0/24	192.168.10.255	192.168.10.1	192.168.10.1 192.168.10.254
Wireless-LAN	10.20.0.0/16	10.20.255.254	10.20.0.1	10.20.0.1 10.20.255.254
LAN	172.16.0.0/16	172.16.255.255	172.16.0.1	172.16.0.1 172.16.255.254
VoIP	172.30.0.0/16	172.30.255.255	172.30.0.1	172.30.0.1 172.30.255.254
Demilitarized Zone	10.11.11.0/27	10.11.11.31	10.11.11.1	10.11.11.1 10.11.11.30
LAN Servers	10.11.11.32/27	10.11.11.63	10.11.11.33	10.11.11.11.33 10.11.11.62

For Routers,Firewalls,Multilayer Switch

Interfaces	Network Address & Subnet
Cloud	8.0.0.0/8
ISP1 - Internet	20.20.20.0/30
ISP2 - Internet	30.30.30.0/30
ISP1 - FWL1	105.100.50.0/30

ISP1 - FWL2	105.100.50.4/30
ISP2 - FWL1	205.200.100.0/30
ISP2 - FWL2	205.200.100.4/30
FWL1 - L3 SW 1	10.2.2.0/30
FWL1 - L3 SW 2	10.2.2.4/30
FWL2 - L3 SW 1	10.2.2.8/30
FWL2 - L3 SW 2	10.2.2.12/30