

VLSM Table 201.40.7.0

Area	Host	Bits	Range	Network Address	First Usable	Last Usable	Broadcast Address	Prefix	Subnet Mask
LAN 1	9	4	16	201.40.7.0	201.40.7.1	201.40.7.14	201.40.7.15	/28	255.255.255.240
LAN 2	9	4	16	201.40.7.16	201.40.7.17	201.40.7.30	201.40.7.31	/28	255.255.255.240
LAN 3	9	2	16	201.40.7.32	201.40.7.33	201.40.7.46	201.40.7.47	/28	255.255.255.252
R1-R2 WAN	2	2	4	201.40.7.48	201.40.7.49	201.40.7.50	201.40.7.51	/30	255.255.255.252
R1-R3 WAN	2	2	4	201.40.7.52	201.40.7.53	201.40.7.54	201.40.7.55	/30	255.255.255.252
R2-R3 WAN	2	2	4	201.40.7.56	201.40.7.57	201.40.7.58	201.40.7.59	/30	255.255.255.252
LAN 4	3	3	8	192.168.1.0	192.168.1.1	192.168.1.6	192.168.1.7	/29	255.255.255.0
LAN 5	3	3	8	192.168.1.8	192.168.1.9	192.168.1.14	192.168.1.15	/29	255.255.255.0
LAN 6	4	3	8	192.168.1.16	192.168.1.17	192.168.1.22	192.168.1.23	/29	255.255.255.0

VLAN Table

Device	Interface	IP Address	Subnet Mask	Default Gateway
R3	G0/0/1.10	192.168.10.1	255.255.255.0	N/A
R3	G0/0/1.20	192.168.20.1	255.255.255.0	N/A
R3	G0/0/1.99	N/A	N/A	N/A
S4	VLAN 10	192.168.10.11	255.255.255.0	192.168.10.1
S4	VLAN 20	192.168.20.11	255.255.255.0	192.168.20.1
S5	VLAN 10	192.168.10.12	255.255.255.0	192.168.10.1
S5	VLAN 20	192.168.20.12	255.255.255.0	192.168.20.1
VLAN 10.3	NIC	192.168.10.3	255.255.255.0	192.168.10.1
VLAN 20.3	NIC	192.168.20.3	255.255.255.0	192.168.10.1
VLAN 10.4	NIC	192.168.10.4	255.255.255.0	192.168.20.1
VLAN 20.4	NIC	192.168.20.4	255.255.255.0	192.168.20.1