

VLSM-Table

Network Name	Needed Size	Allocated Size	Address	Subnet	Netmask	Assignable Range	Broadcast
RnD	36	62	200.88.202.0	/26	255.255.255.192	200.88.202.1 - 200.88.202.62	200.88.202.63
SnM	18	30	200.88.202.64	/27	255.255.255.224	200.88.202.65 - 200.88.202.94	200.88.202.95
Adm	14	14	200.88.202.96	/28	255.255.255.240	200.88.202.97 - 200.88.202.110	200.88.202.111
Tech	8	14	200.88.202.112	/28	255.255.255.240	200.88.202.113 - 200.88.202.126	200.88.202.127
Branch	10	14	200.88.202.128	/28	255.255.255.240	200.88.202.129 - 200.88.202.142	200.88.202.143

Network Name	Needed Size	Allocated Size	Address	Subnet	Netmask	Assignable Range	Broadcast
Adm -> Adm/Tech	3	6	200.88.202.144	/29	255.255.255.248	200.88.202.145 - 200.88.202.150	200.88.202.151
Adm -> Main	2	2	200.88.202.152	/30	255.255.255.252	200.88.202.153 - 200.88.202.154	200.88.202.155
Main -> Branch	2	2	200.88.202.156	/30	255.255.255.252	200.88.202.157 - 200.88.202.158	200.88.202.159

Network Diagram

Device	Interface	Ip address	Subnet Mask	Default Gateway
AB_R1	S0/0/0	200.150.100.2	255.255.255.252	200.150.100.1
	S0/0/1	200.88.202.153	255.255.255.252	N/A
	G0/0	200.88.202.145	255.255.255.248	N/A
AB_R2	G0/0	200.88.202.146	255.255.255.248	200.88.202.145
	G0/1	200.88.202.97	255.255.255.240	N/A
TB_R1	G0/0	200.88.202.147	255.255.255.248	200.88.202.145
	G0/1	200.88.202.113	255.255.255.240	N/A
MB_R1	S0/0/0	200.88.202.154	255.255.255.252	200.88.202.153
	S0/0/1	200.88.202.157	255.255.255.252	N/A
	G0/0	200.88.202.65	255.255.255.240	N/A
	G0/1	200.88.202.1	255.255.255.192	N/A
BO_R1	S0/0/0	200.88.202.158	255.255.255.252	200.88.202.157
	G0/0	200.88.202.129	255.255.255.240	N/A

AB_S1		N/A	N/A	N/A
AB_S2		N/A	N/A	N/A
TB_S1		N/A	N/A	N/A
MB_S1		N/A	N/A	N/A
MB_S2		N/A	N/A	N/A
BO_S1		N/A	N/A	N/A

RnD-A	NIC	200.88.202.2	255.255.255.192	200.88.202.1
RnD-B	NIC	200.88.202.3	255.255.255.192	200.88.202.1
RnD-C	NIC	200.88.202.4	255.255.255.192	200.88.202.1
RnD-D	NIC	200.88.202.5	255.255.255.192	200.88.202.1
RnD-E	NIC	200.88.202.6	255.255.255.192	200.88.202.1
RnD-F	NIC	200.88.202.7	255.255.255.192	200.88.202.1
RnD-G	NIC	200.88.202.8	255.255.255.192	200.88.202.1
RnD-H	NIC	200.88.202.9	255.255.255.192	200.88.202.1
RnD-I	NIC	200.88.202.10	255.255.255.192	200.88.202.1
RnD-J	NIC	200.88.202.11	255.255.255.192	200.88.202.1
RnD-K	NIC	200.88.202.12	255.255.255.192	200.88.202.1
RnD-L	NIC	200.88.202.13	255.255.255.192	200.88.202.1
RnD-M	NIC	200.88.202.14	255.255.255.192	200.88.202.1
RnD-N	NIC	200.88.202.15	255.255.255.192	200.88.202.1
RnD-O	NIC	200.88.202.16	255.255.255.192	200.88.202.1
RnD-P	NIC	200.88.202.17	255.255.255.192	200.88.202.1
RnD-Q	NIC	200.88.202.18	255.255.255.192	200.88.202.1
RnD-R	NIC	200.88.202.19	255.255.255.192	200.88.202.1

SnM-A	NIC	200.88.202.66	255.255.255.224	200.88.202.64
SnM-B	NIC	200.88.202.67	255.255.255.224	200.88.202.64
SnM-C	NIC	200.88.202.68	255.255.255.224	200.88.202.64
SnM-D	NIC	200.88.202.69	255.255.255.224	200.88.202.64
SnM-E	NIC	200.88.202.70	255.255.255.224	200.88.202.64
SnM-F	NIC	200.88.202.71	255.255.255.224	200.88.202.64
SnM-G	NIC	200.88.202.72	255.255.255.224	200.88.202.64
SnM-H	NIC	200.88.202.73	255.255.255.224	200.88.202.64
SnM-I	NIC	200.88.202.74	255.255.255.224	200.88.202.64

Admin-A	NIC	200.88.202.98	255.255.255.240	200.88.202.97
Admin-B	NIC	200.88.202.99	255.255.255.240	200.88.202.97
Admin-C	NIC	200.88.202.100	255.255.255.240	200.88.202.97
Admin-D	NIC	200.88.202.101	255.255.255.240	200.88.202.97
Admin-E	NIC	200.88.202.102	255.255.255.240	200.88.202.97
Admin-F	NIC	200.88.202.103	255.255.255.240	200.88.202.97
Admin-G	NIC	200.88.202.104	255.255.255.240	200.88.202.97

Tech-A	NIC	200.88.202.114	255.255.255.240	200.88.202.113
Tech-B	NIC	200.88.202.115	255.255.255.240	200.88.202.113
Tech-C	NIC	200.88.202.116	255.255.255.240	200.88.202.113
Tech-D	NIC	200.88.202.117	255.255.255.240	200.88.202.113

Branch-A	NIC	200.88.202.130	255.255.255.240	200.88.202.129
Branch-B	NIC	200.88.202.131	255.255.255.240	200.88.202.129
Branch-C	NIC	200.88.202.132	255.255.255.240	200.88.202.129
Branch-D	NIC	200.88.202.133	255.255.255.240	200.88.202.129
Branch-E	NIC	200.88.202.134	255.255.255.240	200.88.202.129