

IP Address Table (for Router interfaces)

Device	Interface	IP address	Subnet Mask
Alexandria Router	s0/0	192.168.17.154	255.255.255.252
	s1/0	192.168.17.137	255.255.255.252
	s3/0	192.168.17.146	255.255.255.252
	s4/0	192.168.17.142	255.255.255.252
	f2/0	192.168.8.1	255.255.252.0
Macedonia Router	s0/0	192.168.17.153	255.255.255.252
	s1/0	192.168.17.150	255.255.255.252
	f2/0	192.168.16.1	255.255.255.0
Athens Router	s0/0	192.168.17.129	255.255.255.252
	s1/0	192.168.17.149	255.255.255.252
	s3/0	192.168.17.145	255.255.255.252
	f2/0	192.168.12.1	255.255.252.0
Punjab Router	s0/0	192.168.17.133	255.255.255.252
	s1/0	192.168.17.130	255.255.255.252
	s3/0	192.168.17.141	255.255.255.252
	f2/0	192.168.0.1	255.255.248.0
Samarkand Router	s0/0	192.168.17.138	255.255.255.252
	s1/0	192.168.17.134	255.255.255.252
	f2/0	192.168.17.1	255.255.255.128

VLSM Table

Network	Subnet Mask	Network Address	Broadcast Address	Valid host Address
Punjab	255.255.248.0	192.168.0.0	192.168.7.255	192.168.0.1 to 192.168.7.254
Alexandria	255.255.252.0	192.168.8.0	192.168.11.255	192.168.8.1 to 192.168.11.254
Athens	255.255.252.0	192.168.12.0	192.168.15.255	192.168.12.1 to 192.168.15.254
Macedonia	255.255.255.255	192.168.16.0	192.168.16.255	192.168.16.1 to 192.168.16.254
SamarKand	255.255.255.128	192.168.17.0	192.168.17.128	192.168.17.1 to 192.168.17.127
WAN (Athens - Punjab)	255.255.255.252	192.168.17.128	192.168.17.132	192.168.17.129 to 192.168.17.131
WAN (Punjab - SamarKand)	255.255.255.252	192.168.17.132	192.168.17.136	192.168.17.133 to 192.168.17.135
WAN (SamarKand - Alexandria)	255.255.255.252	192.168.17.136	192.168.17.140	192.168.17.137 to 192.168.17.139
WAN (Punjab - Alexandria)	255.255.255.252	192.168.17.140	192.168.17.144	192.168.17.141 to 192.168.17.143
WAN (Athens - Alexandria)	255.255.255.252	192.168.17.144	192.168.17.148	192.168.17.145 to 192.168.17.147
WAN (Athens - Macedonia)	255.255.255.252	192.168.17.148	192.168.17.152	192.168.17.149 to 192.168.17.151
WAN (Macedonia - Athens)	255.255.255.252	192.168.17.152	192.168.17.156	192.168.17.153 to 192.168.17.155