

IP ADDRESSING

BASE NETWORK:192.168.100.0

HQ HOSPITAL

Department	Network Address	Subnet Mask	Host Address Range	Broadcast Address
MLOCS	192.168.100.0	255.255.255.192/26	192.168.100.1 to 192.168.100.62	192.168.100.63
MER	192.168.100.64	255.255.255.192/26	192.168.100.64 to 192.168.100.126	192.168.100.127
MRM	192.168.100.128	255.255.255.192/26	192.168.100.129 to 192.168.100.190	192.168.100.191
IT	192.168.100.192	255.255.255.192/26	192.168.100.193 to 192.168.100.254	192.168.100.255
CS	192.168.101.0	255.255.255.192/26	192.168.101.1 to 192.168.101.62	192.168.101.63
GWA	192.168.101.64	255.255.255.192/26	192.168.101.64 to 192.168.101.126	192.168.101.127

BRANCH HOSPITAL

Department	Network Address	Subnet Mask	Host Address Range	Broadcast Address
NSO	192.168.101.128	255.255.255.224/27	192.168.101.129 to 192.168.101.158	192.168.101.159
HL	192.168.101.10	255.255.255.224/27	192.168.101.161 to 192.168.101.190	192.168.101.191
HR	192.168.101.192	255.255.255.224/27	192.168.101.193 to 192.168.101.222	192.168.101.223
MK	192.168.10.224	255.255.255.224/27	192.168.101.225 to 192.168.101.254	192.168.101.255
FIN	192.168.102.0	255.255.255.224/27	192.168.102.1 to 192.168.102.30	192.168.102.31
GWA	192.168.102.32	255.255.255.224/27	192.168.102.33 to 192.168.102.62	192.168.102.63

Server-side Site

Department	Network Address	Subnet Mask	Host Address Range	Broadcast Address
SSS	192.168.102.64	255.255.255.240/28	192.168.102.65 to 192.168.102.78	192.168.102.79

Between the Routers and Layer-3 Switches

No.	Network Address
HQR1-HQMLSW1	192.168.102.80/30
HQR1-HQMLSW2	192.168.102.84/30

BRR1-BRMLSW1	192.168.102.88/30
BRR1-BRMLSW2	192.168.102.92/30
HQR1-BRR1	192.168.102.96/30

Between the Routers and ISPs

Public IP address

195.136.17.0/30,

195.136.17.4/30,

195.136.17.8/30

And

195.136.17.4/30,