

Summary

Cloud Router Switch

- Connects to the internet
- Establishes VPN Connection to the internet
- Segments the eBRS LAN, the Link to Mchinji District Hospital and the internet

NanoStations

- Links the NRB office and Mchinji District Hospital.
- The link is bridged from the interface on the cloud router switch at NRB office to the switch at the Hospital

IP address scheme

- The router will be dynamically assigned a static IP address “192.168.200.2” every time it establishes a VPN connection to BHT.
 - The default IP address for the tunnel is 192.168.200.1, all routes to BHT should be pointed to this address
- Subnets 192.168.100.0/24 and 192.168.101.0/24 are BHT standard subnets for Local use only.
 - NRB office has been assigned 192.168.101.0/24 and the District Hospital has been assigned 192.168.100.0/24
- For remote Access NRB office and the District Hospital have been assigned 192.168.120.0/24 subnet for use, this subnet has been broken into two /25 subnets.
 - The subnet 192.168.120.0/25 has been assigned to NRB office eBRS network, 192.168.120.1 is the interface on the Cloud router switch, and 192.168.120.10 has been reserved for the eBRS server
 - The Subnet 192.168.120.128/25 has been assigned to the District Hospital EDS network, 192.168.120.129 is assigned to the interface that connects to the nanostation on the cloud router switch at NRB and 192.168.100.200 & 201 are assigned to the EDS & eBRS server respectively.