Configuration Settings

Device	Port	Type	Connection
R1	Serial 0/0/0	DCE 125000	R2
	Serial 0/0/1	DTE	R3
	GigaEthernet 0/1	Gateway	LAN1
R2	Serial 0/0/0	DCE 125000	R3
	Serial 0/0/1	DTE	R1
	GigaEthernet 0/1	Gateway	LAN2-1
	GigaEthernet 0/2	Gateway	LAN2-2
R3	Serial 0/0/0	DCE 125000	R1
	Serial 0/0/1	DTE	R2
	GigaEthernet 0/1	Gateway	LAN3-1
	GigaEthernet 0/2	Gateway	LAN3-2

Local Area Network IP Assignment

LAN	Number of Hosts	Gateway IP Address	IP Range Assignment
LAN1	8 Hosts	Last Usable IP	Start at First IP
LAN2-1	13 Hosts	Last Usable IP	Start at First IP
LAN2-2	6 Hosts	Last Usable IP	Start at First IP
LAN3-1	56 Hosts	Last Usable IP	Start at First IP
LAN3-2	27 Hosts	Last Usable IP	Start at First IP

Provisioned IP Address: 207.224.36.64 /24

1. Determine the IP Addresses through VLSM
2. Identify the serial link IP addresses by following this order:
   1. R1 to R2
   2. R2 to R3
   3. R3 to R1
3. Use OSPF Dynamic Routing at Area 4
4. Enable CHAP Authentication with your own [chosen] Usernames & Passwords
5. Make sure every hosts will be able to connect to Server1 via Web Browser