

MOHAIMENUR RAHMAN

19-40338-1

SECTION- J

ID:19-40338-1

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a b c def g h

b = 9 = Mymensingh = fc = 34

e = 3 = Khulna = ged = 830

f = 3(which is equal to e. Replaced by A which is Assam) = 6g = 68

g = 8 = Dhaka = gh = 81

h = 1 = Rangpur = eh = 31

IP block = 174.9.0.0/16

Khulna (830): 174.9.0.0 - 174.9.3.255

SM: 255.255.252.0

Dhaka (81): 174.9.4.1 - 174.9.4.80

SM: 255.255.255.128

Assam (68): 174.9.4.81 - 174.9.4.147

SM: 255.255.255.128

Mymensingh (34): 174.9.4.148 - 174.9.4.181

SM: 255.255.255.192

Rangpur (31): 174.9.4.182 - 174.9.4.212

SM: 255.255.255.224

M (4): 174.9.4.213 - 174.9.4.216

SM: 255.255.255.252

N (4): 174.9.4.217 - 174.9.4.220

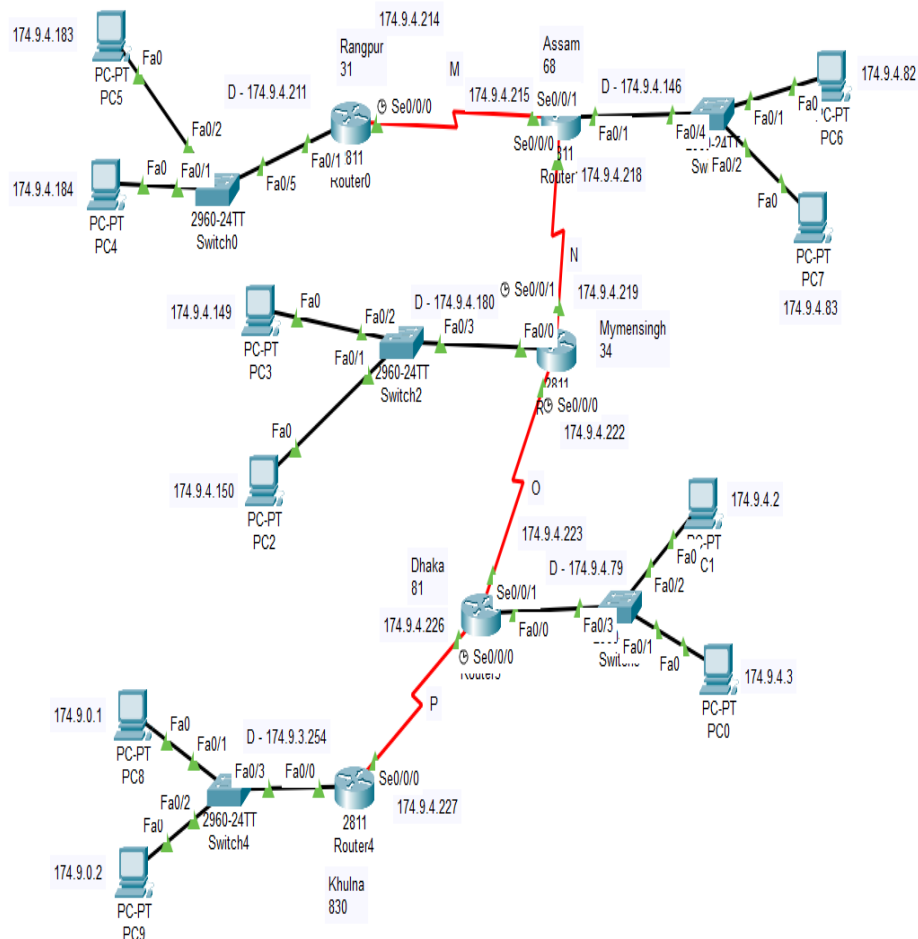
SM: 255.255.255.252

O (4): 174.9.4.221 - 174.9.4.224

SM: 255.255.255.252

P (4): 174.9.4.225 - 174.9.4.228

SM: 255.255.255.252



Given IP Block: 174.9.0.0/16

Khulna(830): 174.9.0.0 - 174.9.3.255
SM: 255.255.252.0
Dhaka(81): 174.9.4.1 - 174.9.4.80
SM: 255.255.255.128
Assam(68): 174.9.4.81 - 174.9.4.147
SM: 255.255.255.128
Mymensingh(34): 174.9.4.148 - 174.9.4.181
SM: 255.255.255.192
Rangpur(31): 174.9.4.182 - 174.9.4.212
SM: 255.255.255.224
M(4): 174.9.4.213 - 174.9.4.216
SM: 255.255.255.252
N(4): 174.9.4.217 - 174.9.4.220
SM: 255.255.255.252
O(4): 174.9.4.221 - 174.9.4.224
SM: 255.255.255.252
P(4): 174.9.4.225 - 174.9.4.228
SM: 255.255.255.252

ROUTER

Khulna Router configuration

Router(config)#interface s0/0/0 Router(config-if)#ip address 174.9.4.227 255.255.255.252 Router(config-if)#no shutdown	Assign an ip address which is belongs to ip block
Router(config-if)#interface fa0/0 Router(config-if)#ip address 174.9.3.254 255.255.252.0 Router(config-if)#no shutdown	Select interface Activate the command Assign an ip address which is default gateway
Router(config-if)#router rip Router(config-router)#version 2 Router(config-router)#network 174.9.0.0 Router(config-router)#network 174.9.4.225 Router(config-router)#auto-summary	Routing..... network 174.9.0.0 first ip address of Khulna and network 174.9.4.225 is the ip address of P

Dhaka Router configuration

Router(config)#interface s0/0/0 Router(config-if)#ip address 174.9.4.226 255.255.255.252 Router(config-if)#clock rate 64000 Router(config-if)#no shutdown	Assign an ip address which is belongs to ip block
Router(config-if)#interface s0/0/1 Router(config-if)#ip address 174.9.4.223 255.255.255.252 Bad mask /30 for address 174.9.4.223 Router(config-if)#no shutdown	Assign an ip address which is belongs to ip block

Router(config-if)#interface fa0/0 Router(config-if)#ip address 174.9.4.79 255.255.255.128 Router(config-if)#no shutdown	Select interface Activate the command Assign an ip address which is default gateway
Router(config)#router rip Router(config-router)#version 2 Router(config-router)#network 174.9.4.225 Router(config-router)#network 174.9.4.221 Router(config-router)#network 174.9.4.1 Router(config-router)#auto-summary	Routing..... network 174.9.4.225 first ip address of p and network 174.9.4.221 is the ip address of o and network 174.9.4.1 is the first ip address of Dhaka

Mymensingh Router configuration

Router(config)#interface s0/0/0 Router(config-if)#ip address 174.9.4.222 255.255.255.252 Router(config-if)#clock rate 64000 Router(config-if)#no shutdown	Assign an ip address which is belongs to ip block
Router(config-if)#interface s0/0/1 Router(config-if)#ip address 174.9.4.219 255.255.255.252 Bad mask /30 for address 174.9.4.219 Router(config-if)#clock rate 64000 Router(config-if)#no shutdown	Assign an ip address which is belongs to ip block
Router(config-if)#interface fa0/0 Router(config-if)#ip address 174.9.4.180 255.255.255.192 Router(config-if)#no shutdown	Select interface Activate the command Assign an ip address which is default gateway

Router(config)#router rip Router(config-router)#version 2 Router(config-router)#network 174.9.4.221 Router(config-router)#network 174.9.4.217 Router(config-router)#network 174.9.4.148 Router(config-router)#auto-summary	Routing..... network 174.9.4.217 first ip address of n and network 174.9.4.221 is the ip address of o and network 174.9.4.148 is the first ip address of Mymensingh
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Assam Router configuration

Assam(config)#interface s0/0/0 Assam(config-if)#ip address 174.9.4.218 255.255.255.252 Assam(config-if)#no shutdown	Assign an ip address which is belongs to ip block
Assam(config-if)#interface s0/0/1 Assam(config-if)#ip address 174.9.4.215 255.255.255.252 Bad mask /30 for address 174.9.4.215 Assam(config-if)#no shutdown	Assign an ip address which is belongs to ip block
Assam(config)#interface fa0/1 Assam(config-if)#ip address 174.9.4.146 255.25.255.128 174.9.4.146 Assam(config-if)#no shutdown	Select interface Activate the command Assign an ip address which is default gateway
Assam(config)#router rip Assam(config-router)#version 2 Assam(config-router)#network 174.9.4.217 Assam(config-router)#network 174.9.4.213 Assam(config-router)#network 174.9.4.81 Assam(config-router)#auto-summary	Routing..... network 174.9.4.217 first ip address of n and network 174.9.4.81 is the ip address of Assam and network 174.9.4.213 is the first ip address of M

Rangpur Router configuration

Router(config)#interface s0/0/0 Router(config-if)#174.9.4.214 255.255.255.224 Router(config-if)#no shutdown	Assign an ip address which is belongs to ip block
Router(config-if)#interface fa0/1 Router(config-if)#ip address 174.9.4.211 255.2.25.252 Router(config-if)#no shutdown	Select interface Activate the command Assign an ip address which is default gateway
Router(config)#router rip Router(config-router)#version 2 Router(config-router)#network 174.9.4.213 Router(config-router)#network 174.9.4.182 Router(config-router)#auto-summary	Routing..... network 174.9.4.213 first ip address of M and network 174.9.4.182 is the ip address of Rangpur