**Khuất Quang Hưng SE1902**

**Hungkqhe190895**

**192.0.8.x**

**100.9.5.x**

Server: đuôi 5, 6

Router đuôi 1

Switch đuôi 2

Pc đuôi 10,11,12...

Subnet mark: 255.255.255.0

**Cấu hình router**

**Đặt ip**

Router>enable

Router#

Router#configure terminal

Router(config)#interface FastEthernet0/0

Router(config-if)#ip address 192.0.8.1 255.255.255.0

Router(config-if)#

Router(config-if)#exit

Router(config)#interface FastEthernet0/1

Router(config-if)#ip address 100.9.5.1 255.255.255.0

Router(config-if)#no shutdown

Router(config-if)#

Router(config-if)#exit

Đặt mật khẩu + banner + đổi tên

Router(config)#enable password 123

Router(config)#line console 0

Router(config-line)#password 123

Router(config-line)#login

Router(config-line)#exit

Router(config)#line vty 0 15

Router(config-line)#password 123

Router(config-line)#login

Router(config-line)#exit

Router(config)#banner motd #Router cau hinh boi Hung#

Router(config)#hostname R1

R1(config)#

**Cấu hình switch 1**

**Đặt ip, mật khẩu , banner , đổi tên**

Switch>enable

Switch#configure

Switch(config)#interface vlan 1

Switch(config-if)#ip address 192.0.8.2 255.255.255.0

Switch(config-if)#no shutdown

Switch(config-if)#

Switch(config-if)#exit

Switch(config)#ip default-gateway 192.0.8.1

Switch(config)#hostname SW1

SW1(config)#banner motd #SW1 cau hinh boi Hung#

SW1(config)#enable password 123

SW1(config)#line console 0

SW1(config-line)#password 123

SW1(config-line)#login

SW1(config-line)#exit

SW1(config)#line vty 0 15

SW1(config-line)#pass

SW1(config-line)#password 123

SW1(config-line)#login

SW1(config-line)#

**Cấu hình switch 2**

**Đặt ip, mật khẩu , banner , đổi tên**

Switch>enable

Switch#configure

Switch(config)#hostname SW2

SW2(config)#banner motd #Sw2 cau hinh boi Hung#

SW2(config)#interface vlan 1

SW2(config-if)#ip address 100.9.5.2 255.255.255.0

SW2(config-if)#no shutdown

SW2(config-if)#exit

SW2(config)#ip default-gateway 100.9.5.1

SW2(config)#enable password 123

SW2(config)#line console 0

SW2(config-line)#password 123

SW2(config-line)#login

SW2(config-line)#exit

SW2(config)#line vty 0 15

SW2(config-line)#password 123

SW2(config-line)#login

SW2(config-line)#

**Bước 3: Kiểm tra thiết bị bất kì**

**Vào command prompt của máy tính PC0 ping cho máy tính PC1 (192.0.8.11)**

C:\>ping 192.0.8.11

Pinging 192.0.8.11 with 32 bytes of data:

Reply from 192.0.8.11: bytes=32 time=1ms TTL=128

Reply from 192.0.8.11: bytes=32 time<1ms TTL=128

Reply from 192.0.8.11: bytes=32 time<1ms TTL=128

Reply from 192.0.8.11: bytes=32 time<1ms TTL=128

**Ping thử cho switch**

C:\>ping 192.0.8.2

Pinging 192.0.8.2 with 32 bytes of data:

Request timed out.

Reply from 192.0.8.2: bytes=32 time<1ms TTL=255

Reply from 192.0.8.2: bytes=32 time<1ms TTL=255

Reply from 192.0.8.2: bytes=32 time<1ms TTL=255

**Telnet cho switch**

C:\>telnet 192.0.8.2

Trying 192.0.8.2 ...OpenSW1 cau hinh boi Hung

User Access Verification

Password:

SW1>enable

Password:

SW1#configure

SW1(config)#

**Ping + Telnet cho router**

C:\>ping 192.0.8.1

Reply from 192.0.8.1: bytes=32 time<1ms TTL=255

Reply from 192.0.8.1: bytes=32 time=7ms TTL=255

Reply from 192.0.8.1: bytes=32 time<1ms TTL=255

Reply from 192.0.8.1: bytes=32 time<1ms TTL=255

C:\>telnet 192.0.8.1

Trying 192.0.8.1 ...OpenRouter cau hinh boi Hung

User Access Verification

Password:

R1>enable

Password: