Switch & Router Configuration (Telnet & SSH)

Fa1/1
Switch-PT
Fa0/1 1

Host Name : Cisco
Banner : RESTRICTED
Console Password : cisco123
Enable Password : cisco123
Secret Password: secret
Telnet Password: telnet123
Management IP : 192.168.0.10/24
Default Gateway : 192.168.0.1/24

Fa0

PC-PT
192.168.0.2/24

Gig0/0   Gig0/1

2901
Router0

Fa0/1
Switch-PT
S2 Fa1/1
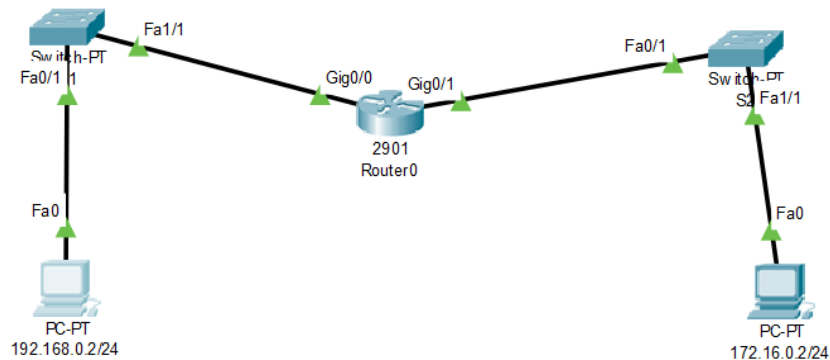
Host Name : LUS
Domain Namin: cisco.com
user:taw sif
pas:taw sif
SSH Version: 2
Management IP: 172.16.0.10/24
Default Gateway : 172.16.0.1/24

Fa0

PC-PT
172.16.0.2/24

S1	S2	Router0
Switch>en	Switch>en	Router>enRouter#config t
Switch#configure terminal	Switch#config t	Router(config)#hostname R1
Switch(config)#hostname Cisco	Switch(config)#hostname LUS	R1(config)#int gig0/0
Cisco(config)#banner motd #***** RESTRICTED *****#	LUS(config)#ip domain-name cisco.com	R1(config-if)#ip add 192.168.0.1 255.255.255.0
Cisco(config)#line con 0	LUS(config)#username tawsif password tawsif	R1(config-if)#no sh
Cisco(config-line)#password cisco123	LUS(config)#enable pass cisco123	R1(config-if)#int gig0/1
Cisco(config-line)#login	LUS(config)#interface vlan 1	R1(config-if)#ip add 172.16.0.1 255.255.255.0
Cisco(config-line)#exit	LUS(config-if)#no sh	R1(config-if)#no sh R1(config-if)#exit
Cisco(config)#enable password cisco123	LUS(config-if)#ip add 172.16.0.10 255.255.255.0	R1(config)#security passwords min-length 8
Cisco(config)#line vty 0 15	LUS(config-if)#ex	R1(config)#line console 0
Cisco(config-line)#password telnet123	LUS(config)#ip default-gateway 172.16.0.1	R1(config-line)#password cisco123
Cisco(config-line)#int vlan 1	LUS(config)#crypto key generate rsa	R1(config-line)#login R1(config-line)#exit
Cisco(config-if)#ip add 192.168.0.10 255.255.255.0	LUS(config)#ip ssh version 2	Router(config)#enable password cisco123
Cisco(config-if)#no shutdown	LUS(config)#line vty 0 15	R1(config)#ip domain-name cisco.com
Cisco(config-if)#exit	LUS(config-line)#transport input ssh	R1(config)#username tawsif password tawsif
Cisco(config)#enable secret cisco123	LUS(config-line)#login local	R1(config)#username tawsif password tawsiflu
Cisco(config)#exit	LUS(config-line)#exit	R1(config)#crypto key generate rsa
	LUS(config)#do show run	R1(config)#ip ssh version 2
	LUS(config)#do show ip interface brief	R1(config)#line vty 0 15
		R1(config-line)#transport input ssh
		R1(config-line)#login local
		R1(config)#do show run