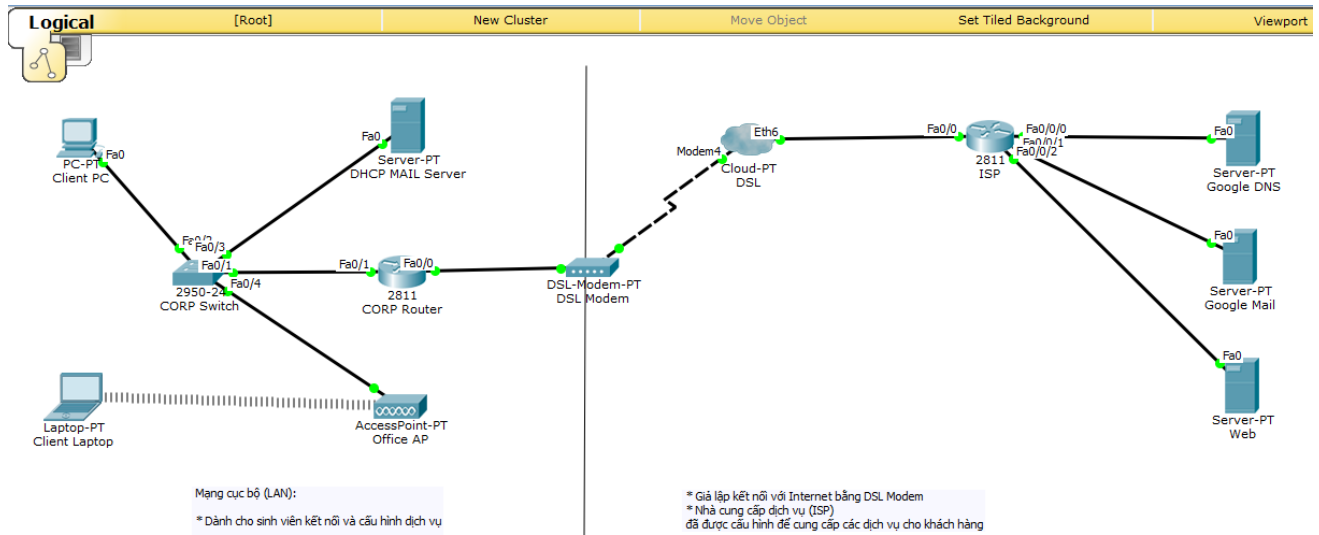


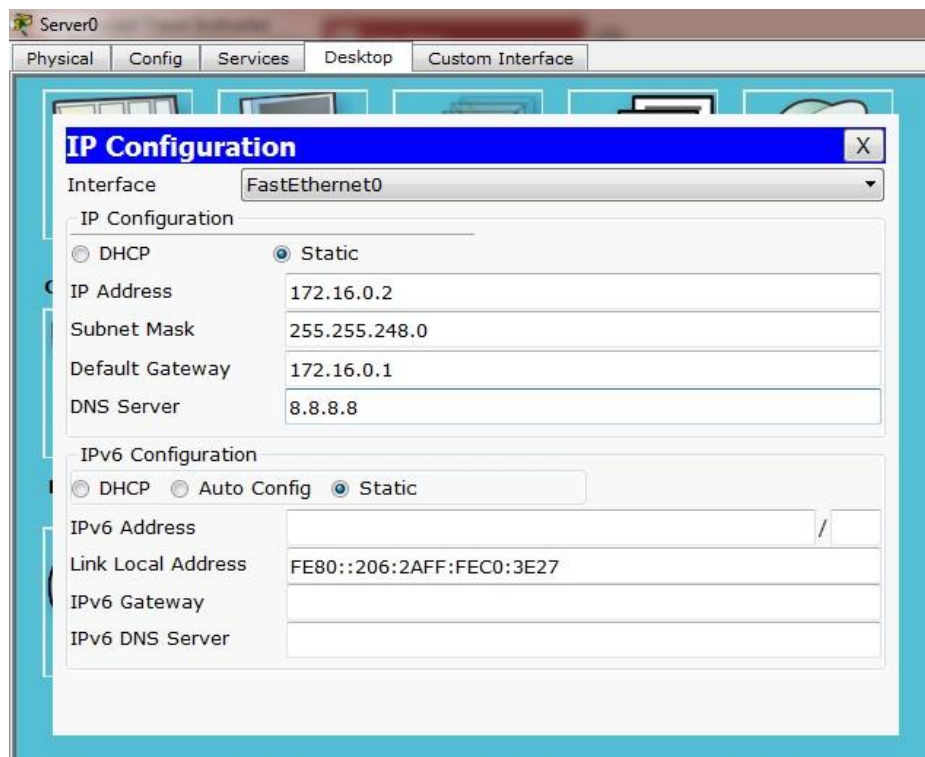
DHCP & Mail Lab



1 – Setting services in Server

1.1. Assigning IP to Server

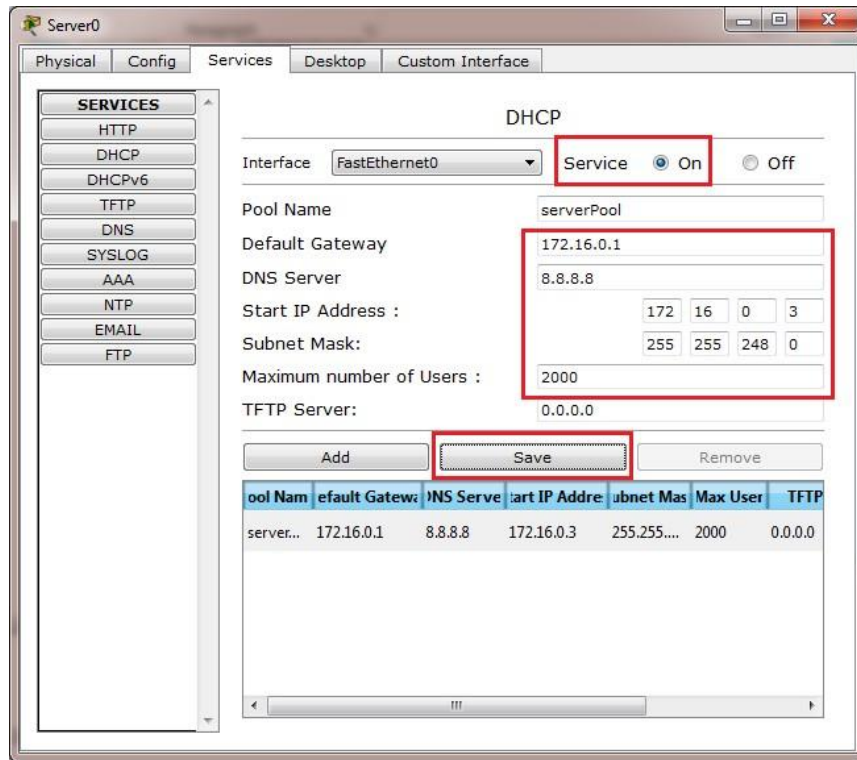
Click Server → Desktop → IP Configuration → type static IP as follows:



Close IP configuration.

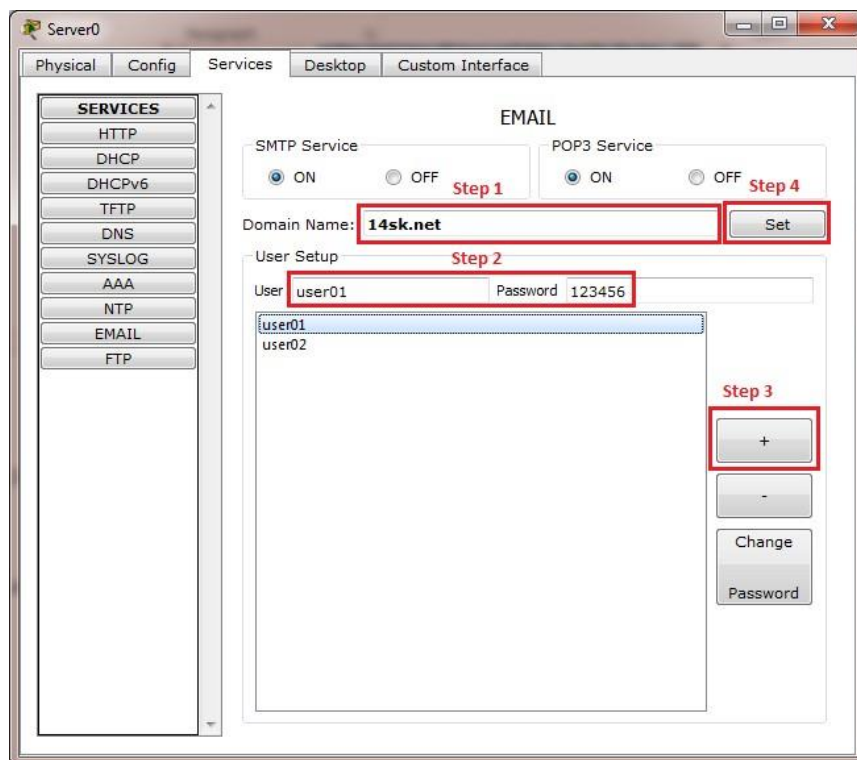
1.2. Setting up DHCP service

Click Services → DHCP → select and type parameters as follows:



1.3. Setting up Mail services

Click EMAIL → type and select parameter as follows:



1.4. Checking the DHCP and EMAIL in hosts (PCs/ Laptop) by yourself (using Email application).

2 – Router CORP and ISP configuration

2.1. Router CORP

Click Router → CLI Tab → Press Enter (answer NO if asked) → type commands as follows:

Router>enable <i>//enter privileged mode</i>	CORP(config)#end
Router#configure terminal <i>//enter global configuration</i>	CORP#write memory
Router(config)# hostname CORP	<i>//save configuration</i>
CORP(config)#interface f0/1 <i>//enter port that connects switch</i>	
CORP(config-if)#no shutdown <i>//open port</i>	
CORP(config-if)#ip address 172.16.0.1 255.255.248.0	
CORP(config-if)#exit	
CORP(config)#interface f0/0 <i>//enter port that connects modem</i>	
CORP(config-if)#no shutdown	
CORP(config-if)#ip address 6.9.6.10 255.255.255.0	
CORP(config-if)#exit	
CORP(config)#ip route 0.0.0.0 0.0.0.0 6.9.6.9	
<i>//default route to Internet</i>	

2.2. Router ISP

Click ISP → CLI Tab → Press Enter (answer NO if asked) → type commands as follows:

ISP>enable //enter privileged mode

ISP#configure terminal //enter global configuration

ISP(config)#ip route 0.0.0.0 0.0.0.0 6.9.6.10 //default route to CORP and LAN

ISP(config)#end

ISP#write memory //save configuration

Checking Internet connections for hosts (PCs) by yourself. (using PING, NSLOOKUP commands and Web Browser application)