Bahria University,

Karachi Campus



LAB EXPERIMENT NO.09

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
|  |
| 1 | **Configure OSPF on the following network and show all necessary configuration steps for each router.** |
| 2 | **Configure OSPF on the following network and show all necessary configuration steps for each router.** |
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|  |  |

Submitted On:

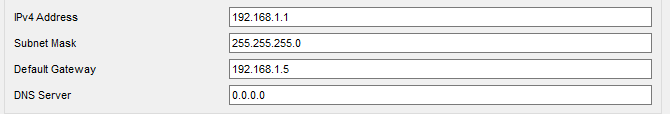
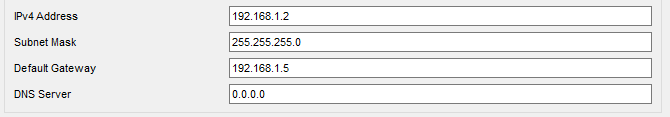
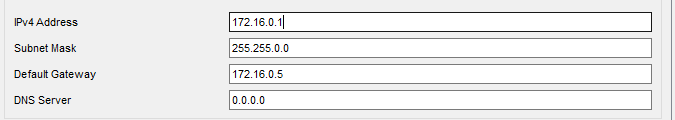
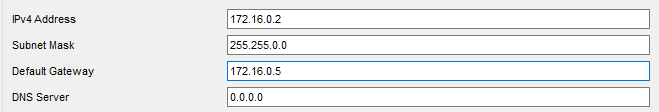
Date:

1. **Configure OSPF on the following network and show all necessary configuration steps for each router.**

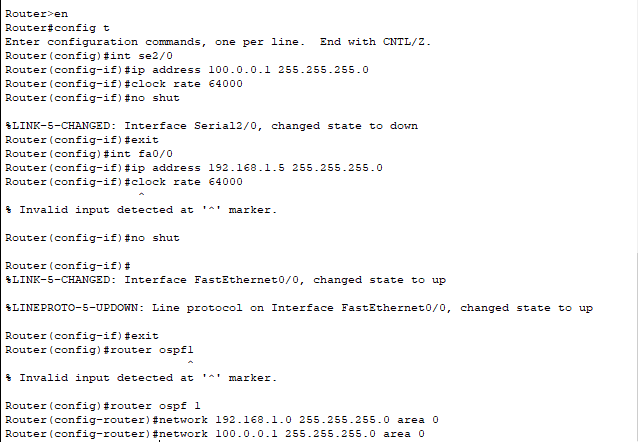


Solution:

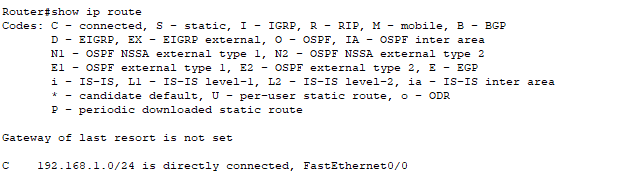
Ip address of Pc’s:

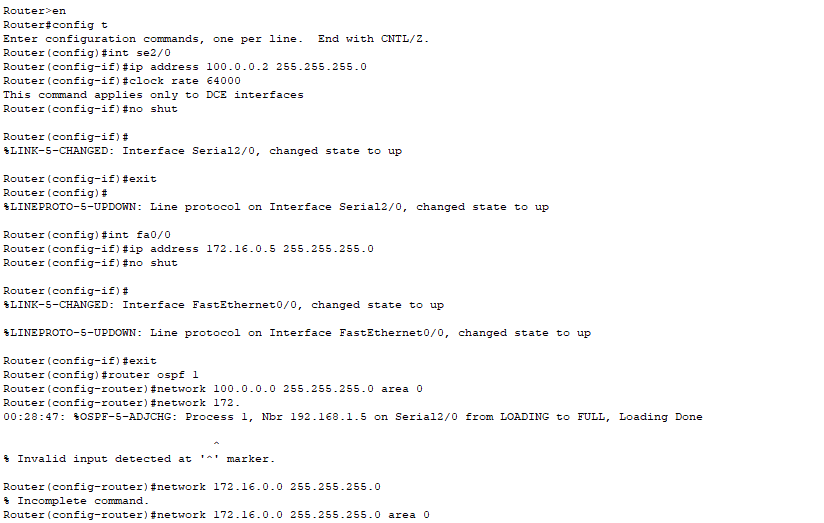
Configuring router 0:



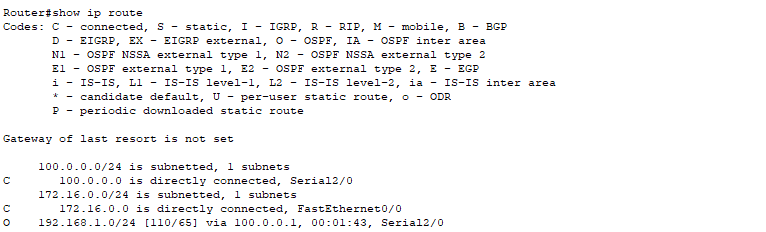
Show Ip route:



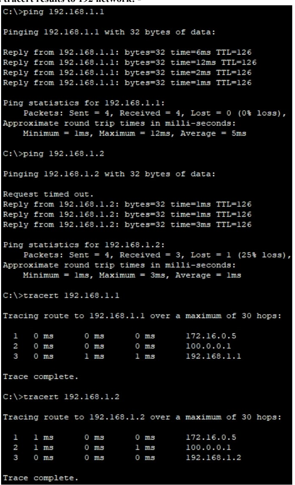
Configuring router 1:



Show Ip route:



Ping to 192.168.1.1:



Ping to 172.16.0.1:

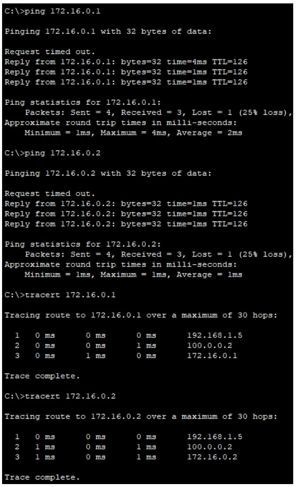
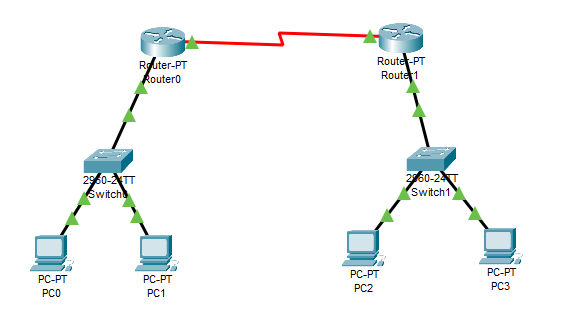


Diagram:

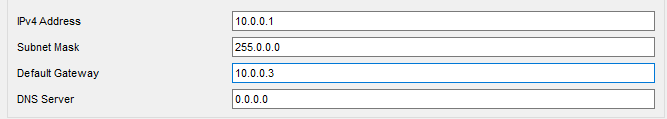


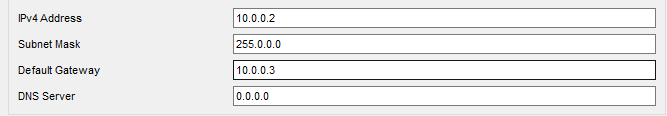
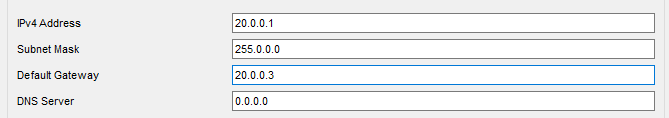
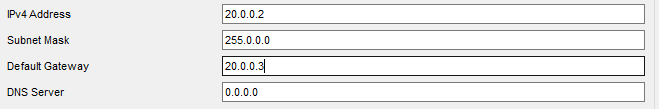
1. **Configure OSPF on the following network and show all necessary configuration steps for each router.**



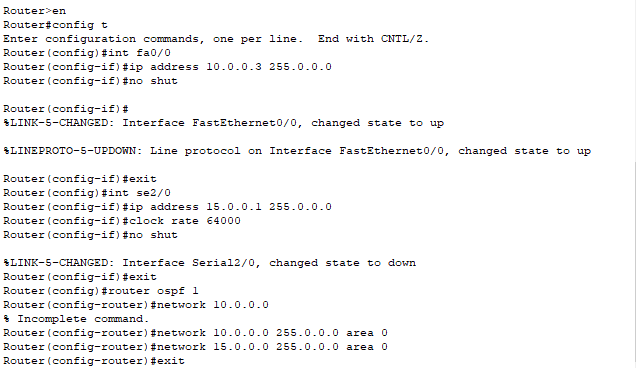
Solution:

Ip Address:

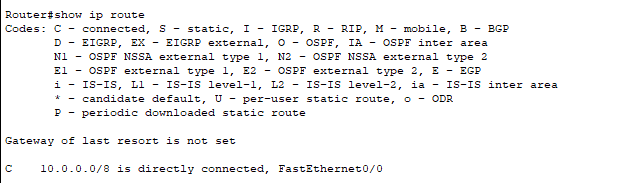


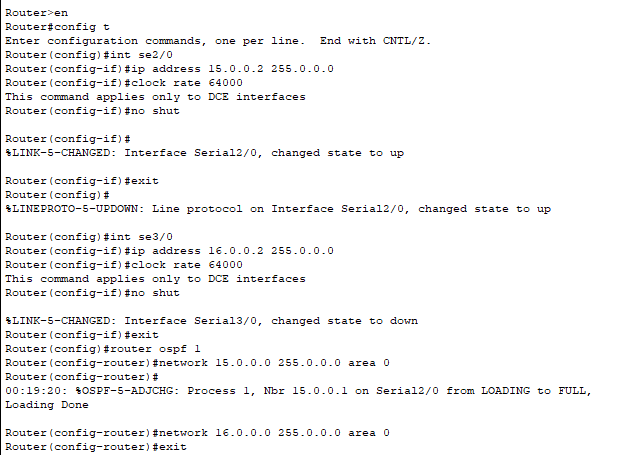
Configuring Router 2:



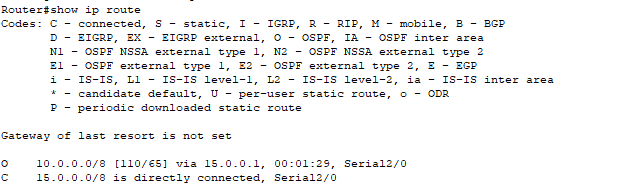
Show ip route:



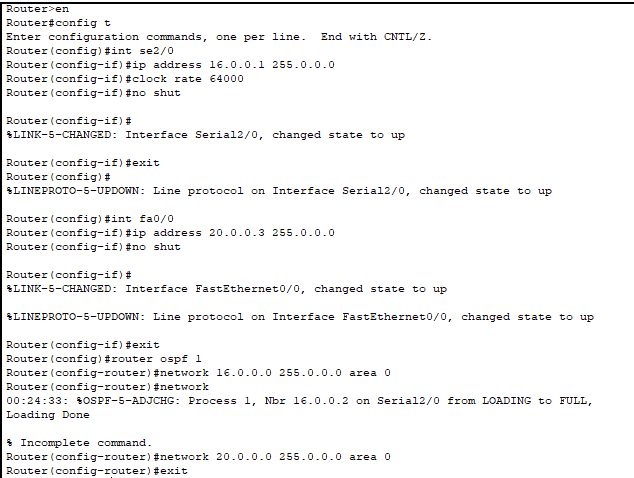
Configuring router 4:



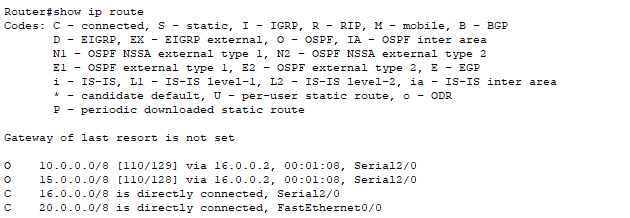
Show ip route:



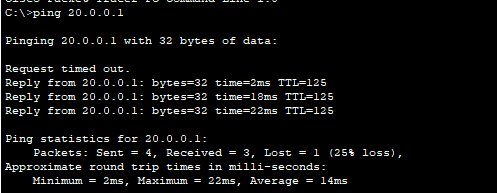
Configuring router 3:



Show ip route:



Ping from pc 5 to pc 7:



Ping from pc 6 to pc 8:

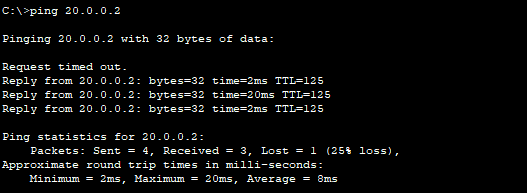


Diagram:

