Lab 05

CT106H - Computer network

Construct the network on the next slide such that:

- Router ISP won't run any RIP or OSPF
- The network between Router1 and Router ISP has an address of 161.10.20.224/28
- Router 8 uses the static routing
- Router 1, 2, 3, 4 use the OSPFv2 protocol.
    - The original network address is 142.12.128.0/20. What are the netmask and broadcast addresses of this original network?
    - Assign the network address to each LAN on the network by subnetting the original network. What are the netmask and broadcast addresses of each subnetwork?
- Router 1, 5, 6, 7 use the RIPv2 protocol.
    - The original network address is 190.190.190.0/25. What are the netmask and broadcast addresses of this original network?
    - Assign the network address to each LAN on the network by subnetting the original network. What are the netmask and broadcast addresses of each subnetwork?
- The Server provides a web service which shows "My name is *YourName, YourID*!"