Cisco Packet Tracer Online
Time: 30 minutes

Task A

1. **File:** Create a copy of the topology file. Name it with your ID as "2105XXX-Task-A.pkt". Use this file for Task A. Open the Task-A file.
2. **Network design:**
    a. Assign appropriate and unique IP addresses to all devices. For this, replace "x.x.x.x" with appropriate IP addresses for all devices. The CE-1 and ME-1 PCs are already configured with the default gateway.
    b. All the configured IP addresses must be in the range 192.168.0.0 - 192.168.255.255
    c. All the subnet masks must be /24.
3. **Network Configuration:** Configure the network appropriately to enable communication among all the devices. For **Router** use the CLI.
4. **Routing Configuration:** Use dynamic routing. You are NOT allowed to use static routing.

Use the 'copy run start' command on the router to save the configuration; otherwise, it will be lost after a restart.

Evaluation: Ping between any pair of devices (PC/Server/Router).

Task B

1. **File:** After completion of Task A, create a copy of the Task A file. Name it with your ID as "2105XXX-Task-B.pkt". Use this file for Task B. Open the Task-B file.
2. Use ACL in such a way that
    a. The LAN of CE-1 and ME-1 PCs can not access the servers.
    b. EEE-1 can access the EEE-Server, but not the CSE-Server.
    c. CSE-1 can access both servers.
3. You are not allowed to disconnect any cable or shutdown any interface

Submission

- Put the two files (2105XXX-Task-A.pkt, 2105XXX-Task-B.pkt) in a folder.
- Name the folder with your ID 2105XXX.
- Zip the folder. Name of the zip file should be 2105XXX.zip

Mark Distribution

Task A.2: IP address Assignment	1
Task A.3: Configure Devices	2
Task A.4: Routing	2
Task B.2(a)	2
Task B.2(b)	2
Task B.2(c)	1
Total	**10**