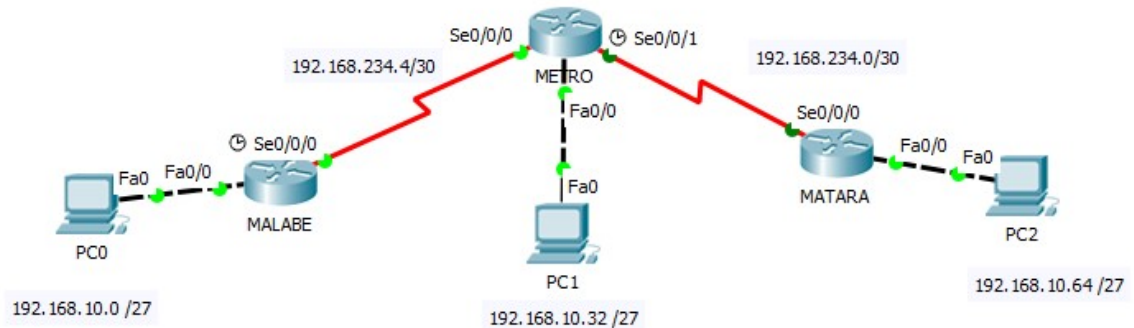


Computer Networks
2nd Year, 2nd Semester
2018

Work Sheet 4

Dynamic Routing Configuration – RIP, EIGRP



1. Design the above network in Packet Tracer Simulator.
Note: use Router 1841.
2. Configure the Serial and Ethernet interfaces of routers.
3. Assign clock rate as 64000 for the DCEs.
4. Configure the PC's. (IP address, Subnet Mask and Default Gateway).
5. Configure the routers with RIP to enable dynamic routing.

Note: Use RIPv2 and disable auto summarization.

6. View routing tables and analyze the entries.
7. Use 'ping' command to check the connectivity
8. Remove RIP from all the routers.
9. Configure the routers with EIGRP to enable dynamic routing.

Note: Disable auto summarization.

10. Use 'ping' command to check the connectivity.