CSE 3501

INFORMATION SECURITY ANALYSIS & AUDIT

Lab Assessment – 2

L9+L10 | PLBG04

FALL SEMESTER 2021-22

by

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Exercise .

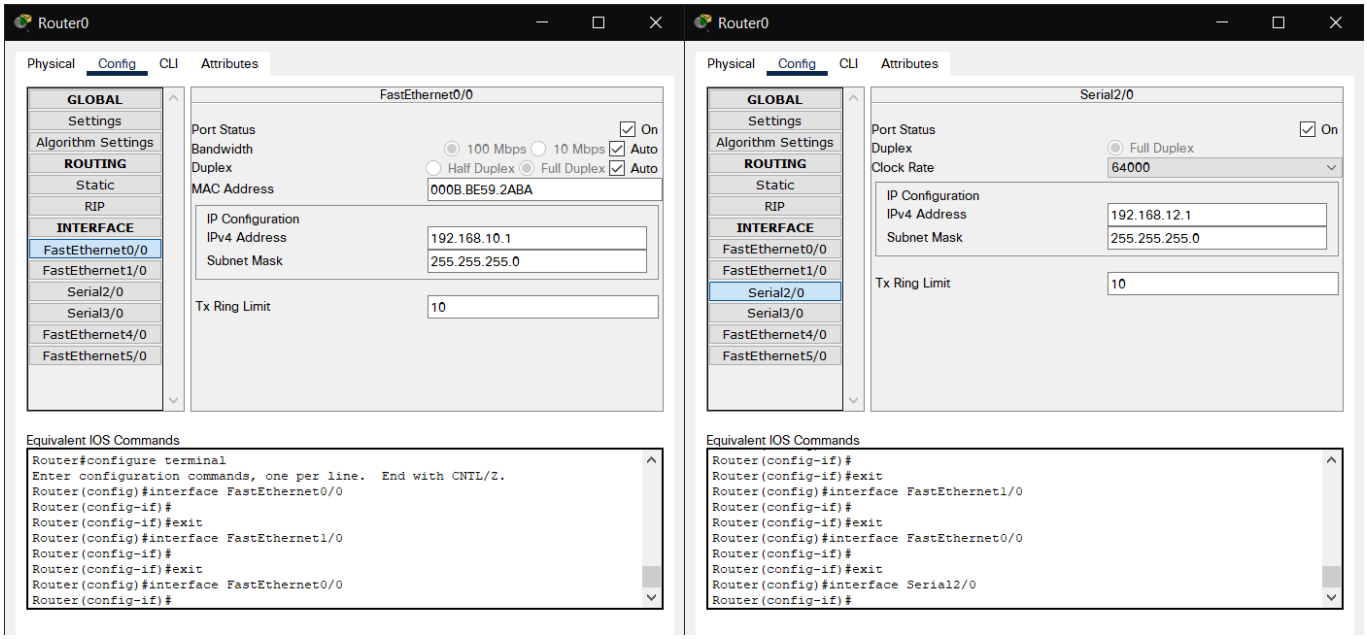
1. **Aim:** To perform dynamic routing in Cisco Packet Tracer®.

2. **Objective:** My objective in this exercise is to learn how PDUs (messages, signals, etc.) travel from one PC to another (dynamically routed).

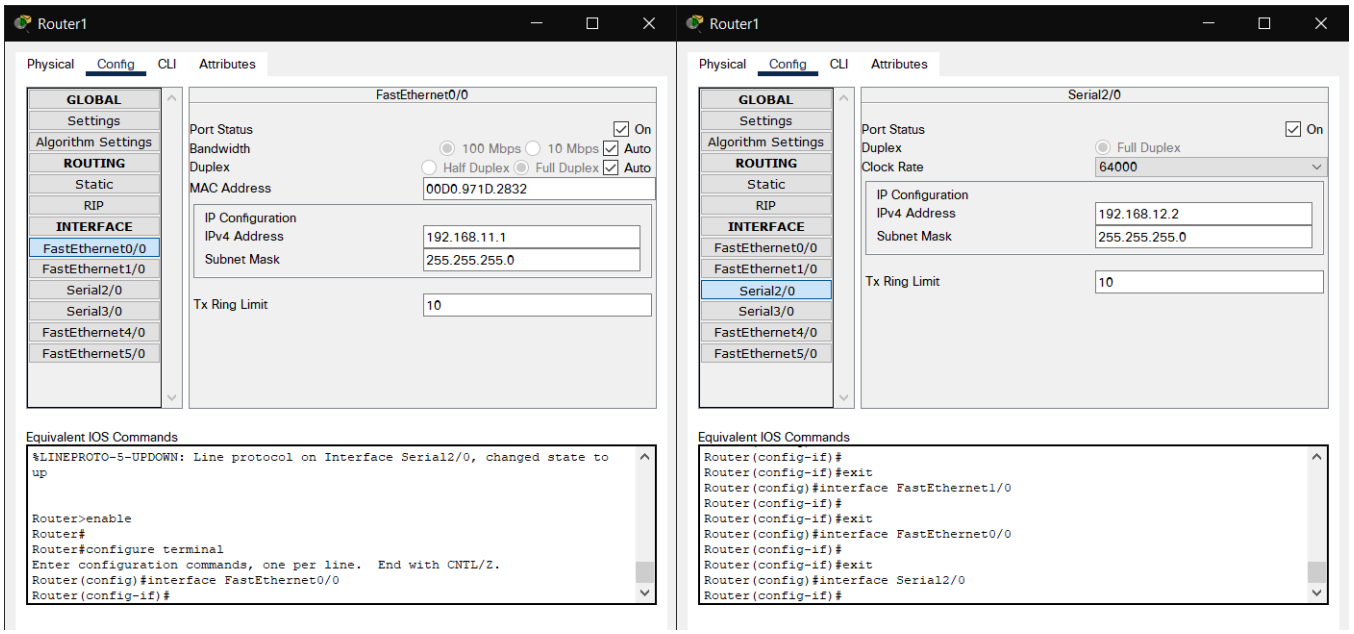
3. **Procedure:**

   - Select 2 PT-Routers, 2 PT-Switches, and 2 PCs.
   - Select a straight-through cable.
   - Using it, connect PC0 and Switch 0, Switch0 and Router0, using the fastethernet ports.
   - Similarly, connect PC1 and Switch 1, Switch 1 and Router 1, using the fastethernet ports.
   - Now select a Serial DCE cable and connect Router0 with Router1 using the Serial2/0 ports.
   - Configure both the routers as:

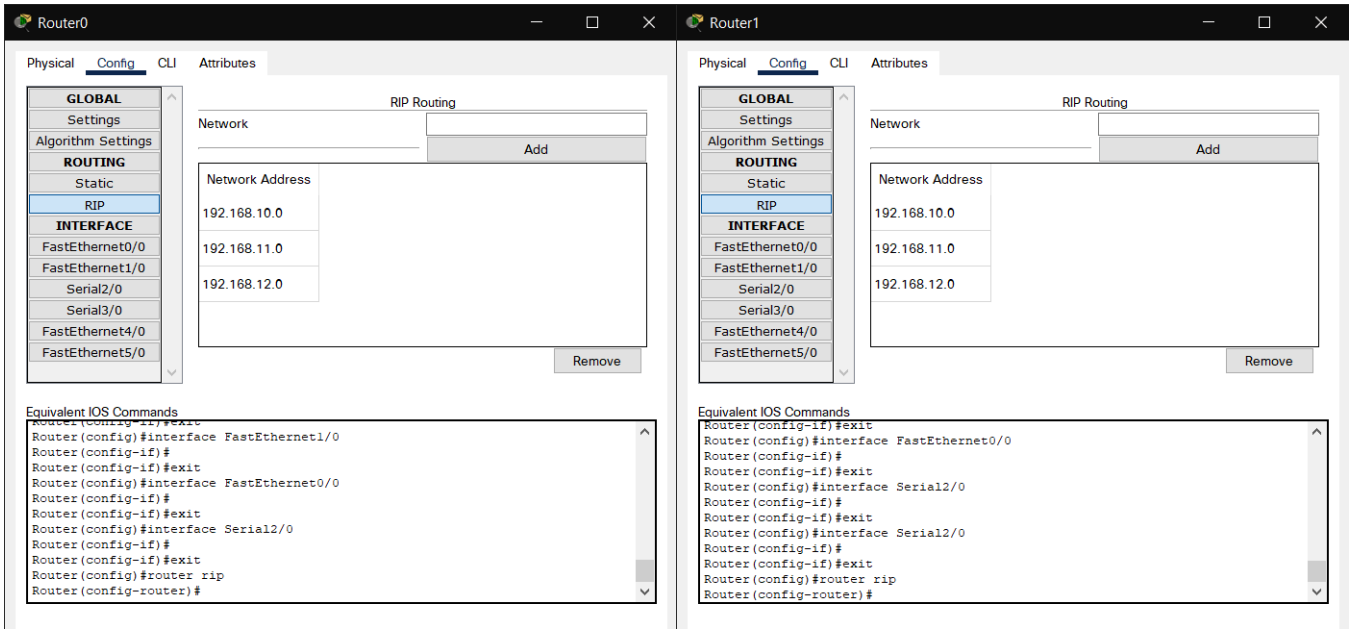
Router0:



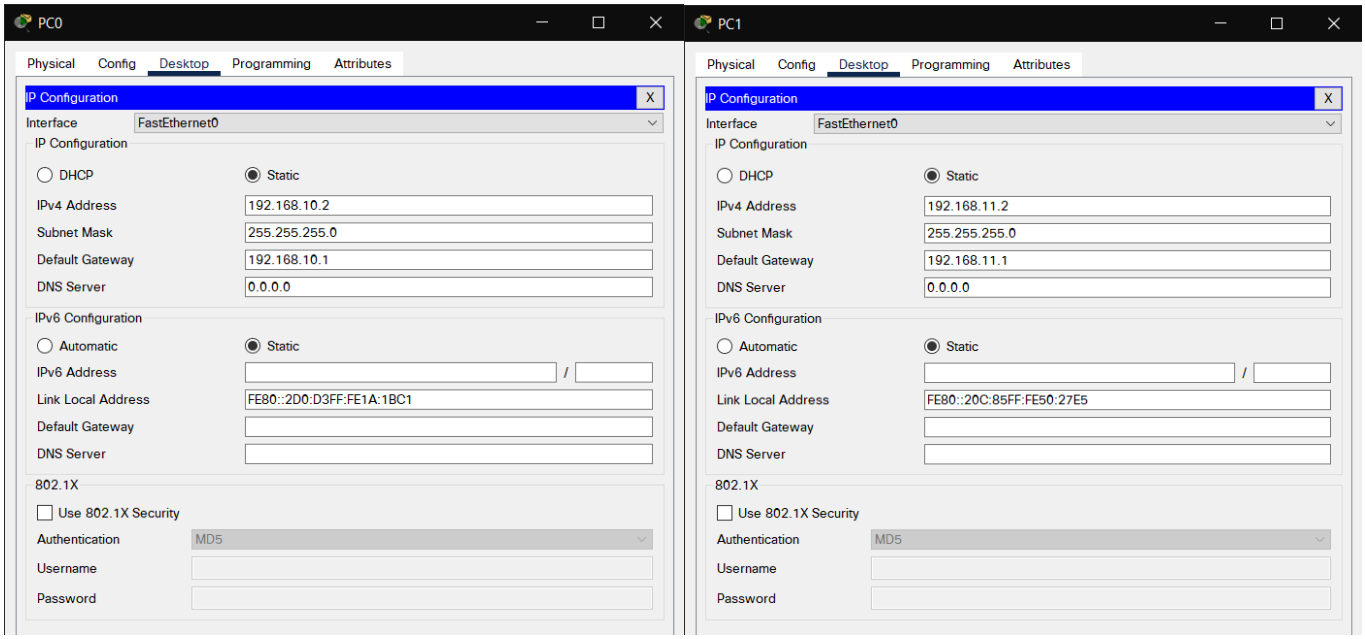
Router1:



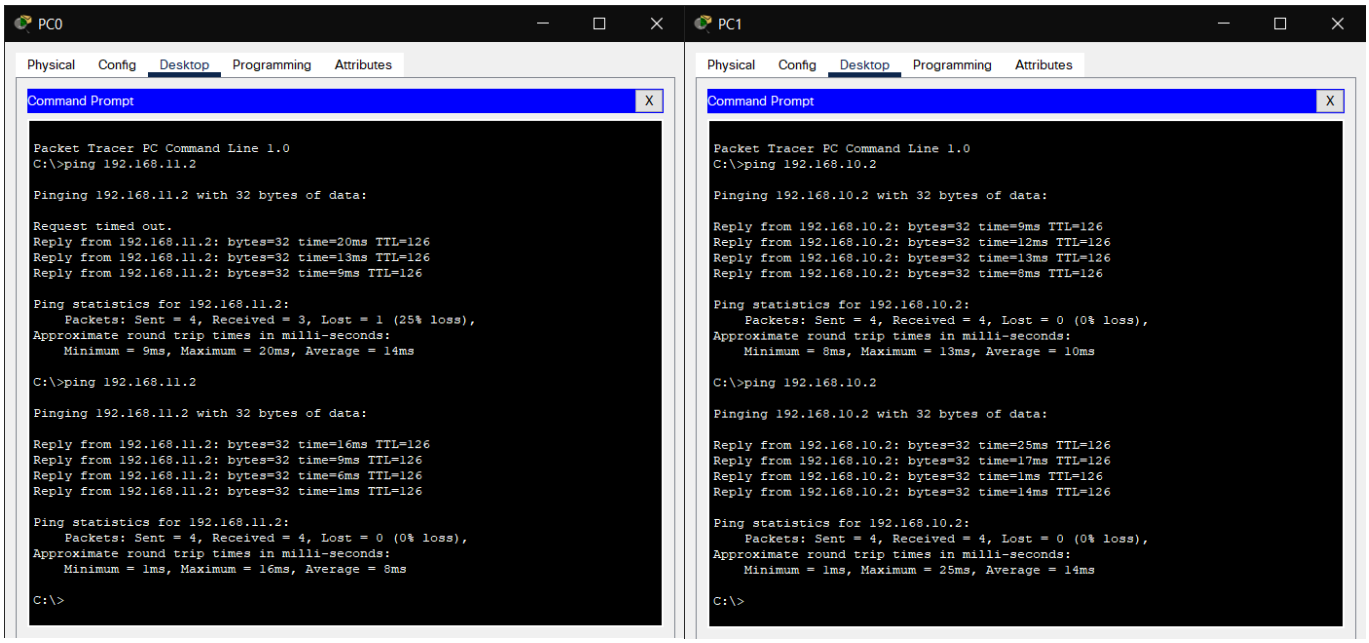
- RIP Routing:



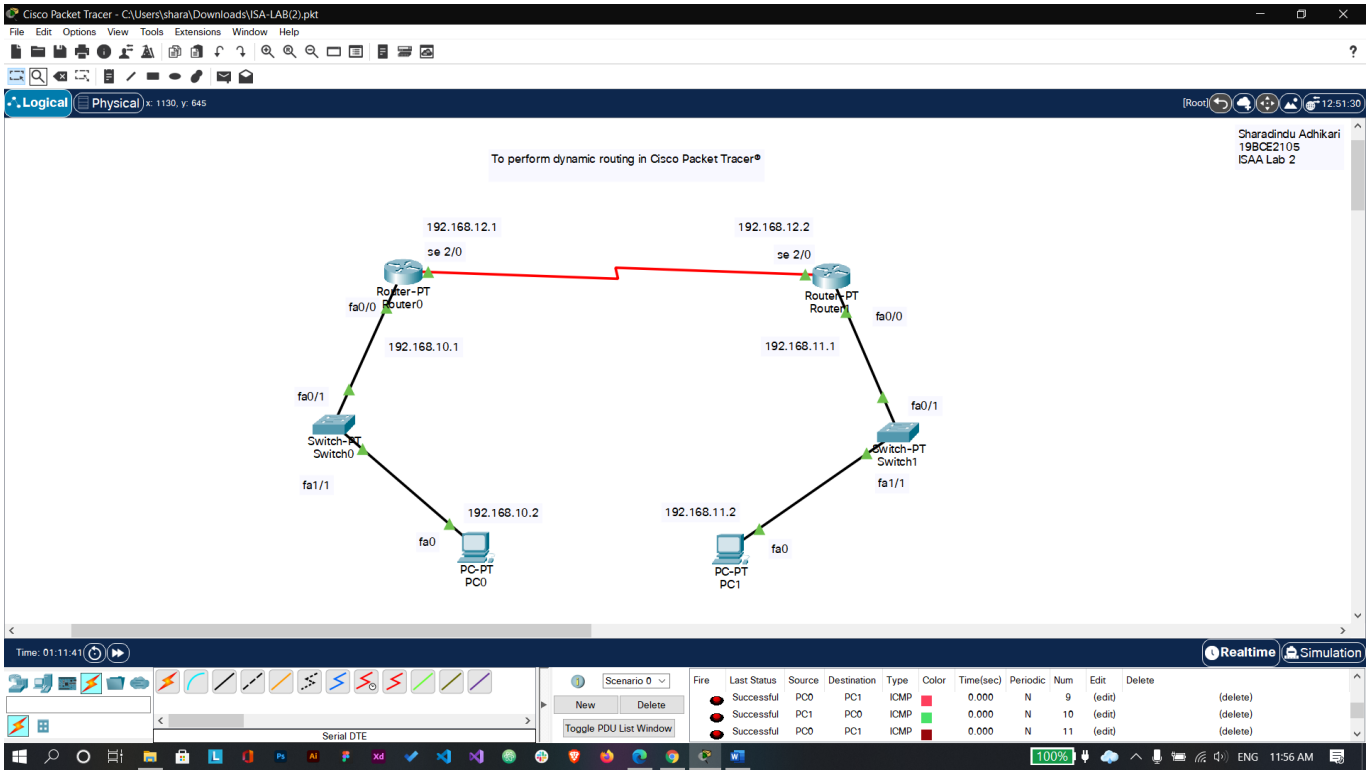
- Configuring the PCs:



- Pinging each other:



4. Results screenshots:



5. Simulation: