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V-A Section

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CN Lab Week 3

Configuring Static Routes in a Multiple Router Topology

Observations/Learnings

1. Creating a multiple router topology by connecting routers through *serial ports* and PC-router through *fast ethernet*.
2. Assigning ip addresses(gateway) to routers using the same method as in lab 2 and PCs
3. Pinging PC1 from PC0 at this state gives **destination host unreachable**
4. Viewing the routers ip routes using `show ip route`
5. Adding static routes to the routers using `ip route <dest. network> <subnet mask> <next hop>` in privileged (`enable`) configure (`configure terminal`) mode.
6. Pinging PC1 from PC0 and PC0 from PC1 now works as expected.