Lab 4. Part 5. Configuring Open Shortest Path First (OSPF)
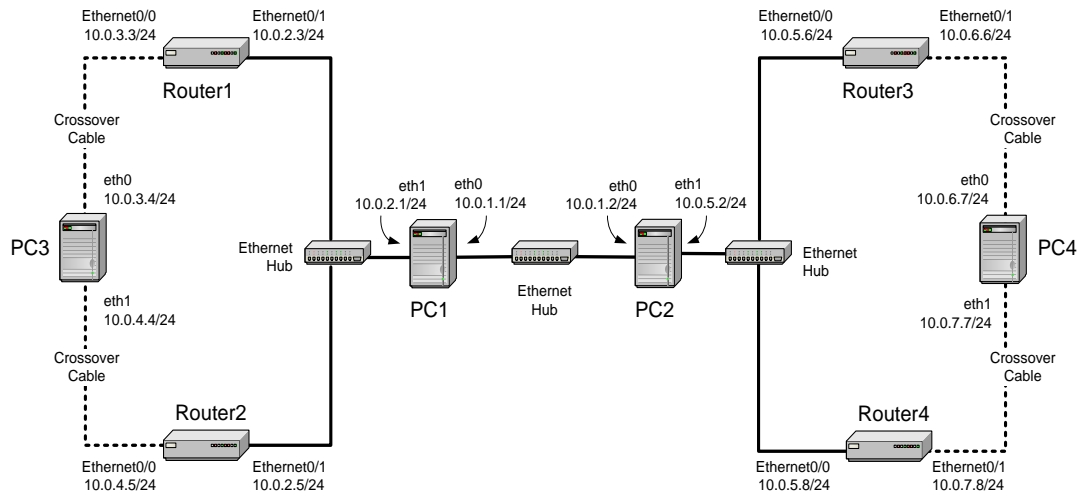

Figure 4.5. Network Topology for Part 5.

In some of the exercises in Lab 4, e.g., Part 5, exercise 5c, you are asked to disconnect and then re-connect the cables connecting a PC to a router (or a PC to another PC).

Issue: The PCs in the lab remove the interface configuration when a cable is disconnected. Then, when you re-connect the cable, the interface needs to be reconfigured. This happens in Figure 4.5 above at PC4, when the cable between Router4 and PC4 is disconnected (even if it the cable is disconnected at Router 4).

Solution:
1. Instead of a crossover cable, use a hub and two <u>regular</u> Ethernet cables.
2. Disconnect the link, by unplugging the cable between the router (Router 4) and the hub. It does not matter if you disconnect the cable at the router end or at the hub end.

Illustration: