



Name \_\_\_\_\_

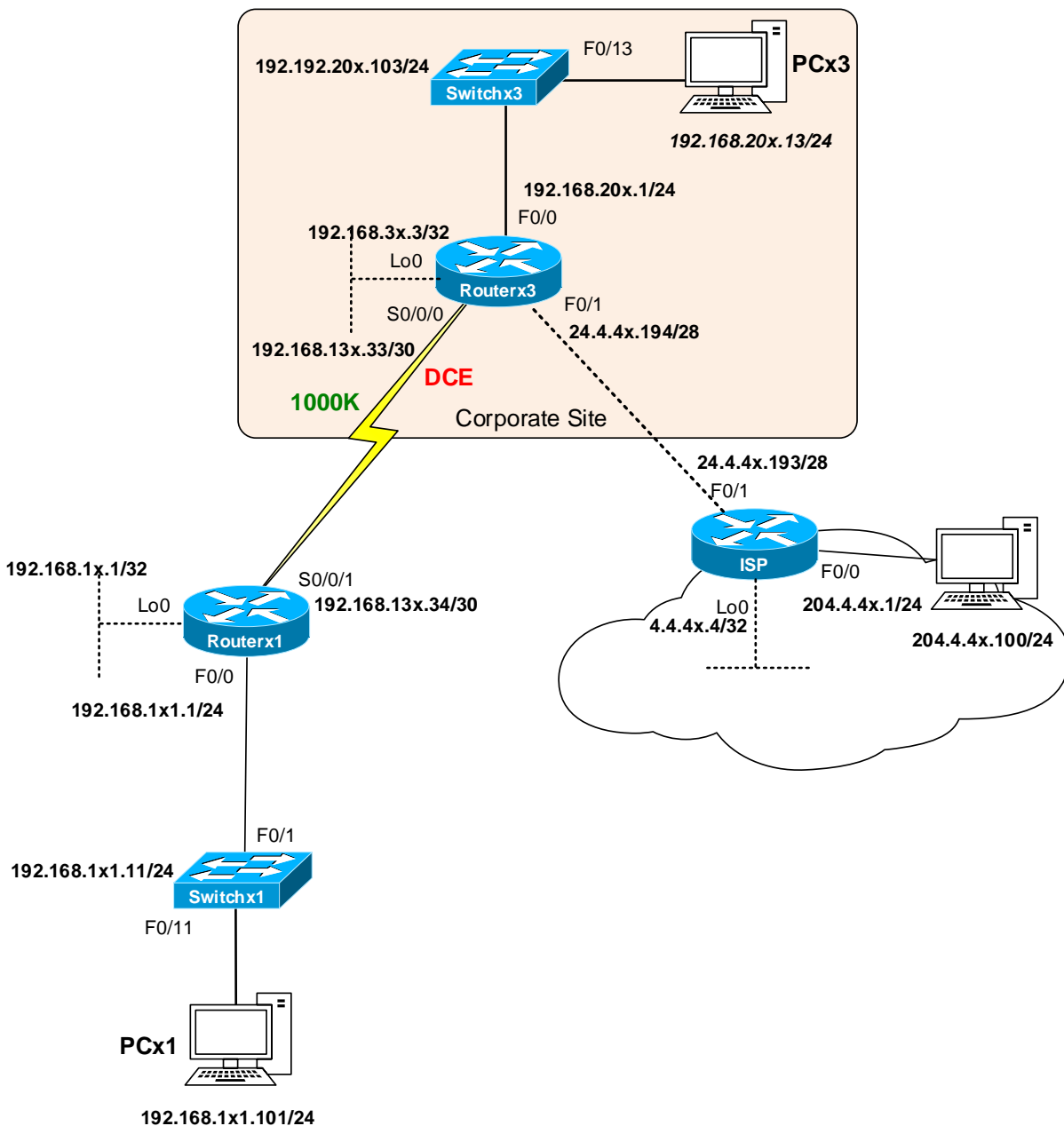
## Challenge Lab – IGP Route Injection

### Objective:

In this challenge lab you will configure a three router scenario. When you are finished, you should have full connectivity among all devices within the topology.

### Topology

**X = RACK #**





### Configuration details:

1. Your ISP Router should have a default static route to Routerx3.
2. Your Routerx3 should have a default static route to the ISP router.
3. Routerx1 should learn the default static route from Routerx3 automatically.
4. You may either use OSPF or EIGRP or RIPv2; however you should know how to configure this scenario with all three.
5. The ISP router should not be configured with a dynamic routing protocol.
6. Make sure the Router-IDs are configured when using EIGRP or OSPF. (Please Note: the EIGRP configuration for Router-IDs is similar to OSPF.)
7. This scenario should take you under two hours to complete within Packet Tracer.

There is no standard lab journal write-up for this challenge lab. When you are done, simply attach your completed .pkt file to the iLearn Assignment and submit it.

Have a great spring break and have a happy Easter!!!