**IFT 466 Advanced Computer Networks**

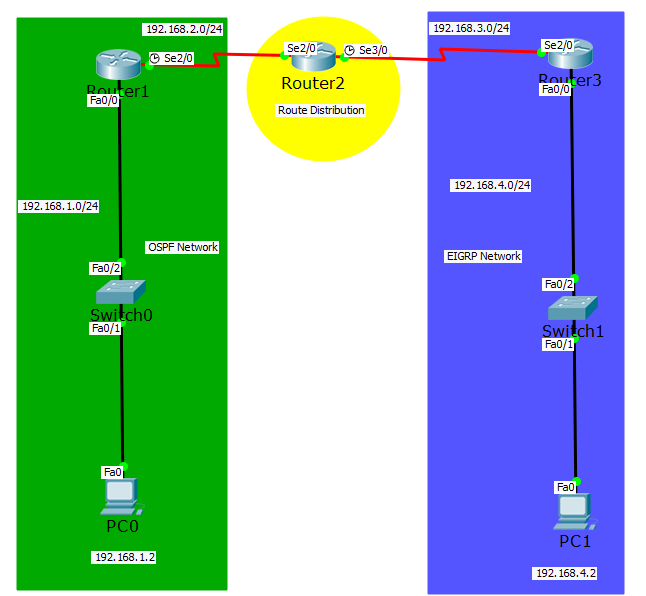
**Lab 7  
EIGRP – Routing Distribution**

After you complete each step, put a ‘√’ or ‘x’ in the completed box

Routing redistribution is a process that allows a network to use a routing protocol to dynamically route traffic based on information learned from a different routing protocol

**Objective**Configure dynamic routing protocol between EIGRP and OSPF.

1. Setup the following topology in Packet Tracer





✓

1. Configure the PCs and routers with IP configuration details



✓

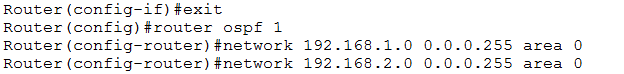
**Question**  
Can you ping PC1 from PC0?

NO

Text

Description automatically generated

1. Now we will configure R1 with OSPF

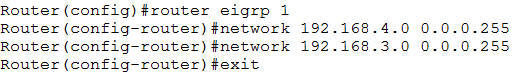


 ✓

Graphical user interface, text, application, Word

Description automatically generated

1. Now configure R3 with EIGRP

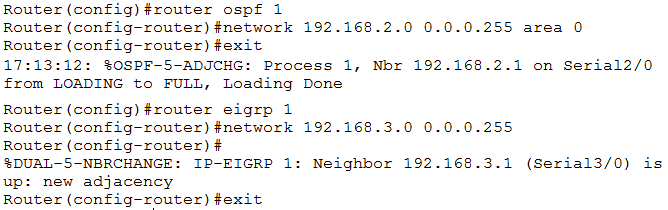


 ✓

Graphical user interface, text, application, Word

Description automatically generated

1. Now configure R2 with OSPF & EIGRP



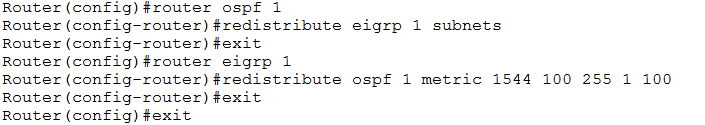


✓

Graphical user interface, text, application, email

Description automatically generated

1. Now we will configure the redistribute OSPF into EIGRP and redistribute EIGRP into OSPF on R2





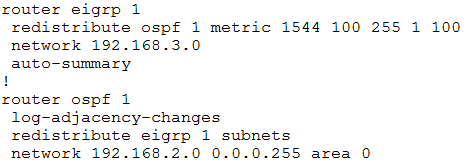
✓

1. Now ping PC1 from PC0. Do you get a successful ping?

 ✓

If not, then troubleshoot to find out why.

1. Run the show run command on R2 to see the redistributions





✓

Graphical user interface, text, application

Description automatically generated