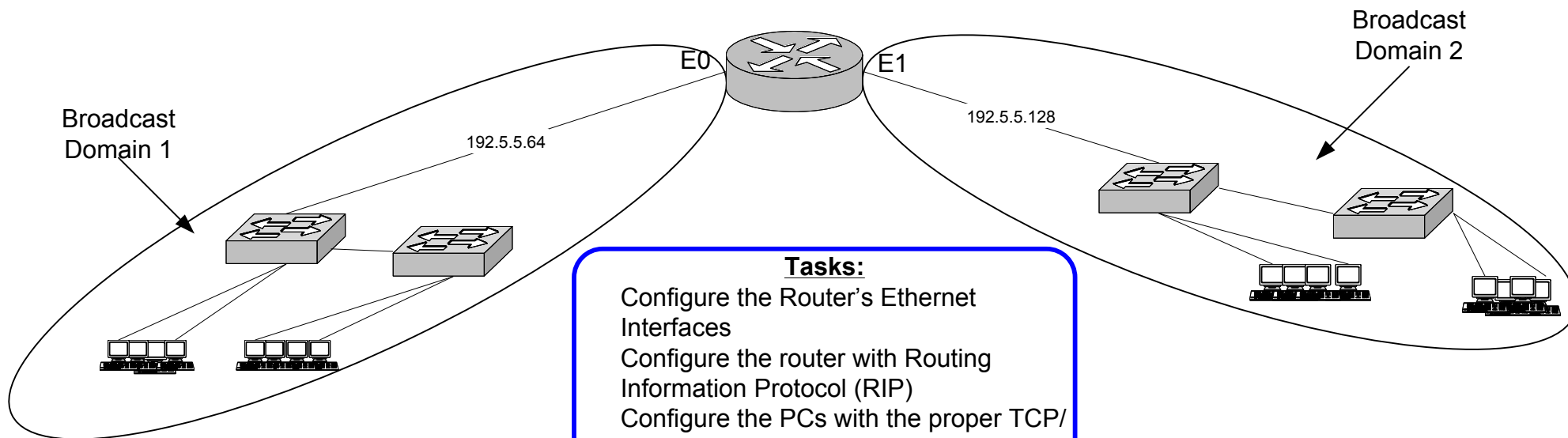




TCP/IP Planning and Routing Lab



Major Network: 192.5.5.0; Class C (The value of the first octet is between 191-223)
Default Subnet Mask (before subnetting): 255.255.255.0
Current Subnet Mask (After subnetting): 255.255.255.192
Subnet 1 (subnet ID: 192.5.5.64) is assigned to the door-side of the classroom
Subnet 2 (subnet ID: 192.5.5.128) is assigned to the instructor-side of the classroom



Tasks:

- Configure the Router's Ethernet Interfaces
- Configure the router with Routing Information Protocol (RIP)
- Configure the PCs with the proper TCP/IP properties
- Test the connectivity among workstations in the same LAN segment using Ping packets
- Test Connectivity between the two LAN segments using Ping packets
- How does the router handle broadcast packets?

