

Subnetting Challenge

Configure the network as follows:

You have been allocated subnet 192.168.1.0/24.

Subnet this into four subnets as follows:

1. Subnet 1 for site 1.
2. Subnet 2 for the link between R1 and the Internet Router.
3. Subnet 3 for site 2.
4. Subnet 4 for the link between R2 and the Internet Router.
5. Configure the routers per the instructions in the diagram.
6. The routing protocol being used is OSPF, so no configuration of RIP routing is required.
7. Configure the DHCP servers with the third last usable IP address in the subnet.
8. Configure the DHCP server to allocate IP addresses to the clients.
9. No configuration should be needed on 3650 Internet cloud, or any servers attached to the cloud.
10. Verify that PCs can access cisco.com and facebook.com using their browsers.