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CYB 210

Project 2

Graphical user interface, diagram

Description automatically generated  
  
To combine networks subnet1 and subnet to into subnet A. I changed the IP addresses from the 192.168.5 to the appropriate 192.168.1 IP to match the default gateway of the router. The masks for the PCs are 255.255.255.0 while the subnet mask for the routers connection to each other is 255.0.0.0

Graphical user interface, text, application, email

Description automatically generated

This makes the current network a class C network.

Graphical user interface, text, application

Description automatically generated

Set the static routes to the available router addresses on the network and hopped them through the IP address.

Graphical user interface

Description automatically generated  
turned DHCP and DNS services on

Graphical user interface, table

Description automatically generated

Text

Description automatically generated

Pinged from PC4\_Network3 (192.168.10.104) in Network B to Pc4\_Subnet2 in Network A to prove connectivity across network.

Graphical user interface, diagram

Description automatically generated

Finished new design of network