

CYB 210 Project Two Scenario Two

Scenario

You are a junior security analyst, and the network administrator for your company needs your help. The company has just purchased another small company with eight employees. Your company will be providing the new employees with new computers and a new network configuration at their location. The new employees are not moving into your building until a later designated time.

Current Configuration

Your current network is broken into two separate segments.

The first segment (Subnet1) consists of the following:

- Four personal computers
- One printer
- Class C network
- One switch

The second segment (Subnet2) consists of the following:

- Three personal computers
- One printer
- Class C network
- One switch

The networks are connected to the following:

- Three routers
- One server

The acquired company network (Network3) consists of the following:

- Eight personal computers
- One printer
- Class C network
- One router
- One server

The following are minimum requirements of the new design:

- New IP configuration that combines Subnet1 and Subnet2 into NetworkA
- Class C network
- Static routing between the NetworkA and Network3
- Configured DHCP services on the server
- NAT configuration on the router for ping capability and communication between all networks