# CYB 310 Network Reconfiguration Planning Template

Complete this worksheet by replacing the bracketed text.

## Current Network State

### Sales Department

* Four PCs
* One switch

### Customer Service Department

* Three PCs
* One server
* One switch

### Human Resources Department

* Four PCs
* One switch

### Backbone (Network Device Infrastructure)

* Sales switch is connected to Office Router.
* Customer Service switch is connected to Office Router.
* Human Resources switch is connected to Office Router.
* Office Router is connected to Edge Router.
* Edge Router is connected to Edge Firewall.
* Edge Firewall is connected to the WAN (Cloud).

## Network Reconfiguration (Future State)

### Customer Experience Department

* Six PC’s (CustExpPC1, CustExpPC2, CustExpPC3, CustExpPC4, CustExpPC5, CustExpPC6).
* One Switch (CustExpSwitch).

### HR Department

* Three PC’s (HRPC1, HRPC2, HRPC3).
* One Switch (HRSwitch).

### Network Servers

* Two Servers (WebServer, AuthServer).
* One Switch (ServerSwitch).
* One Router (ServerRouter).

### Backbone (Network Device Infrastructure)

* CustExpSwitch Port 0 is connected to CoreRouter FastEthernet 0/1.
* CoreRouter FastEthernet 0/0 is connected to BackboneSwitch Port 1.
* CoreRouter FastEthernet 0/1 is connected to CustExpSwitch Port 0.
* CoreRouter FastEthernet 1/0 is connected to HRSwitch Port 0.
* HRSwitch Port 0 is connected to CoreRouter FastEthernet 1/0.
* ServerSwitch Port 0 is connected to ServerRouter FastEthernet 0/1.
* ServerRouter FastEthernet 0/0 is connected to BackboneSwitch Port 2.
* ServerRouter FastEthernet 0/1 is connected to ServerSwitch Port 0.
* WebServer is connected to ServerSwitch Port 1.
* AuthServer is connected to ServerSwitch Port 2.
* CustExpPC1 is connected to CustExpSwitch Port 1.
* CustExpPC2 is connected to CustExpSwitch Port 2.
* CustExpPC3 is connected to CustExpSwitch Port 3.
* CustExpPC4 is connected to CustExpSwitch Port 4.
* CustExpPC5 is connected to CustExpSwitch Port 5.
* CustExpPC6 is connected to CustExpSwitch Port 6.
* HRPC1 is connected to HRSwitch Port 1.
* HRPC2 is connected to HRSwitch Port 2.
* HRPC3 is connected to HRSwitch Port 3.
* EdgeFirewall EM1 is connected to BackboneSwitch Port 0.
* EdgeFirewall EM0 is connected to the Cloud.
* EdgeFirewall EM0 is configured to allow port 80 HTTP and port 443 HTTPS from the WAN to the Web Server.
* EdgeFirewall EM1 is configured to block port 80 HTTP and port 443 HTTPS from the WAN to any other system.