CYB 310 Project Three Network Reconfiguration

Device	Type	Interface	IP Address	Subnet Mask
			Network Layout Table	
CustExpPC2	Desktop	Ethernet0	192.168.2.12	255.255.255.0
CustExpPC3	Desktop	Ethernet0	192.168.2.13	255.255.255.0
CustExpPC1	Desktop	Ethernet0	192.168.2.11	255.255.255.0
CustExpPC4	Desktop	Ethernet0	192.168.2.14	255.255.255.0
CustExpPC5	Desktop	Ethernet0	192.168.2.15	255.255.255.0
CustExpPC6	Desktop	Ethernet0	192.168.2.16	255.255.255.0
HRPC1	Desktop	Ethernet0	192.168.3.11	255.255.255.0
HRPC2	Desktop	Ethernet0	192.168.3.12	255.255.255.0
HRPC3	Desktop	Ethernet0	192.168.3.13	255.255.255.0
WebServer	Server	Ethernet0	192.168.4.2	255.255.255.0
AuthServer	Server	Ethernet0	192.168.4.3	255.255.255.0
CustExpSwitch	Switch	Ethernet0	n/a	n/a
HRSwitch	Switch	Ethernet0	n/a	n/a
ServerSwitch	Switch	Ethernet0	n/a	n/a
CoreRouter	Router	FastEthernet 0/0	192.168.1.2	255.255.255.0
CoreRouter	Router	FastEthernet 0/1	192.168.2.1	255.255.255.0
CoreRouter	Router	FastEthernet 1/0	192.168.3.1	255.255.255.0
ServerRouter	Router	FastEthernet 0/0	192.168.1.3	255.255.255.0
ServerRouter	Router	FastEthernet 0/1	192.168.4.1	255.255.255.0
EdgeFirewall	Firewall	EM1	192.168.1.1	255.255.255.0
EdgeFirewall	Firewall	EM0		

Firewall Traffic Shaping Goals
Configure a firewall rule to allow port 80 HTTP from the WAN to the Web Server
Configure a firewall rule to allow port 443 HTTPS from the WAN to the Web Server
Configure a firewall rule to block port 80 HTTP from the WAN to any other system
Configure a firewall rule to block port 443 HTTPS from the WAN to any other system

Specifications

Switch/Router Port	VLAN	Gateway
CustExpSwitch Port 2	2	192.168.2.1
CustExpSwitch Port 3	2	192.168.2.1
CustExpSwitch Port 1	2	192.168.2.1
CustExpSwitch Port 4	2	192.168.2.1
CustExpSwitch Port 5	2	192.168.2.1
CustExpSwitch Port 6	2	192.168.2.1
HRSwitch Port 1	3	192.168.3.1
HRSwitch Port 2	3	192.168.3.1
HRSwitch Port 3	3	192.168.3.1
ServerSwitch Port 1	4	192.168.4.1
ServerSwitch Port 2	4	192.168.4.1
CoreRouter FastEthernet 0/1	n/a	n/a
CoreRouter FastEthernet 1/0	n/a	n/a
ServerRouter FastEthernet 0/1	n/a	n/a
BackboneSwitch Port 1	1	192.168.1.1
CustExpSwitch Port 0	2	n/a
HRSwitch Port 0	3	n/a
BackboneSwitch Port 2	1	192.168.1.1
ServerSwitch Port 0	4	n/a
BackboneSwitch Port 0	n/a	192.168.1.1
Cloud		