|  |  |
| --- | --- |
| SW1-GA | en  conf t  hostname SW-1\_GA  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW2-PA | en  conf t  hostname SW-2\_PA  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW3-PROD | en  conf t  hostname SW-3\_PROD  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW4-HR | en  conf t  hostname SW-4\_HR  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW5-FIN | en  conf t  hostname SW-5\_FIN  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW6-MARK | en  conf t  hostname SW-6\_MARK  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW7-EXEC | en  conf t  hostname SW-7\_EXEC  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW8-LEGAL | en  conf t  hostname SW-8\_LEGAL  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SW9-IT | en  conf t  hostname SW-9\_IT  line console 0  password cisco  login  exit  enable secret cisco  service password-encryption  banner motd #AUTHORIZED ACCESS ONLY!# |
| SSH | ip domain-name ssg.com  username admin password admin  crypto key generate rsa  1024  ip ssh version 2  line vty 0 15  login local  transport input ssh |
| Trunking on L2 Switch | int range fa0/1-2  sw mo tr  exit |
| Port Access on L2 Switch | vlan 10  name GA  exit  int range fa0/3-24  sw mo acc  sw acc vlan 10  exit  vlan 20  name PA  exit  int range fa0/3-24  sw mo acc  sw acc vlan 20  exit  vlan 30  name PROD  exit  int range fa0/3-24  sw mo acc  sw acc vlan 30  exit  vlan 40  name HR  exit  int range fa0/3-24  sw mo acc  sw acc vlan 40  exit  vlan 50  name FIN  exit  int range fa0/3-24  sw mo acc  sw acc vlan 50  exit  vlan 60  name MARK  exit  int range fa0/3-24  sw mo acc  sw acc vlan 60  exit  vlan 70  name EXEC  exit  int range fa0/3-24  sw mo acc  sw acc vlan 70  exit  vlan 80  name LEGAL  exit  int range fa0/3-24  sw mo acc  sw acc vlan 80  exit  vlan 90  name IT  exit  int range fa0/3-24  sw mo acc  sw acc vlan 90  exit  vlan 100  name server  int range fa0/3-24  sw mo acc  sw acc vlan 100  exit  vlan 110  name PRNT  int range fa0/3-24  sw mo acc  sw acc vlan 110  exit |
| L3 Switch configuration | ==========MLT1==========  en  conf t  hostname MLT1  enable secret cisco  line console 0  password cisco  login  exit  banner motd #AUTHORIZED ACCESS ONLY!#  service password-encryption  int range g1/0/3-12  sw mo tr  vlan 10  name GA  vlan 20  name PA  vlan 30  name PROD  vlan 40  name HR  vlan 50  name FIN  vlan 60  name MARK  vlan 70  name EXEC  vlan 80  name Legal  vlan 90  name IT  vlan 100  name Server  vlan110  name PRNT  vlan 130  name APs  int g1/0/1  ip address 192.168.254.1 255.255.255.252  no sh  int g1/0/2  no sw  ip address 192.168.254.5 255.255.255.252  no sh  ==========MLT2==========  en  conf t  hostname MLT2  enable secret cisco  line console 0  password cisco  login  exit  banner motd #AUTHORIZED ACCESS ONLY!#  service password-encryption  int range g1/0/3-12  sw mo tr  vlan 10  name GA  vlan 20  name PA  vlan 30  name PROD  vlan 40  name HR  vlan 50  name FIN  vlan 60  name MARK  vlan 70  name EXEC  vlan 80  name Legal  vlan 90  name IT  vlan 100  name Server  vlan110  name PRNT  vlan 130  name APs  int g1/0/1  no sw  ip address 192.168.254.7 255.255.255.252  no sh  int g1/0/2  no sw  ip address 192.168.254.13 255.255.255.252  no sh |
| Router CORE interface | ==========CORE1==========  en  conf t  int g0/0  ip address 192.168.254.2 255.255.255.252  no sh  int g0/1  ip address 192.168.254.9 255.255.255.252  no sh  int se0/0/0  ip address 195.136.17.1 255.255.255.252  no sh  int se0/0/1  ip address 195.136.17.5 255.255.255.252  no sh  ==========CORE2===========  en  conf t  int g0/0  ip address 192.168.254.6 255.255.255.252  no sh  int g0/1  ip address 192.168.254.14 255.255.255.252  no sh  int se0/0/0  ip address 195.136.17.9 255.255.255.252  no sh  int se0/0/1  ip address 195.136.17.13 255.255.255.252  no sh |
| ROUTER ISP interface | ==========ISP1==========  en  conf t    int se0/0/0  ip address 195.136.17.2 255.255.255.252  no sh  int se0/0/1  ip address 195.136.17.10 255.255.255.252  no sh  ==========ISP2==========  en  conf t    int se0/0/0  ip address 195.136.17.6 255.255.255.252  no sh  int se0/0/1  ip address 195.136.17.14 255.255.255.252  no sh |
| OSPF | ==========MLT1==========  en  conf t  ip routing  router ospf 10  router-id 1.1.1.1  network 192.168.1.0 0.0.0.63 area 0  network 192.168.1.64 0.0.0.63 area 0  network 192.168.1.128 0.0.0.63 area 0  network 192.168.1.192 0.0.0.63 area 0  network 192.168.2.0 0.0.0.63 area 0  network 192.168.2.64 0.0.0.63 area 0  network 192.168.2.128 0.0.0.63 area 0  network 192.168.2.192 0.0.0.63 area 0  network 192.168.3.0 0.0.0.63 area 0  network 192.168.1.0 0.0.0.63 area 0  network 192.168.100.0 0.0.0.31 area 0  network 192.168.100.32 0.0.0.31 area 0  network 192.168.202.0 0.0.1.255 area 0  network 192.168.254.0 0.0.0.3 area 0  network 192.168.254.4 0.0.0.3 area 0  exit  ==========MLT2==========  en  conf t  ip routing  router ospf 10  router-id 2.2.2.2  network 192.168.1.0 0.0.0.63 area 0  network 192.168.1.64 0.0.0.63 area 0  network 192.168.1.128 0.0.0.63 area 0  network 192.168.1.192 0.0.0.63 area 0  network 192.168.2.0 0.0.0.63 area 0  network 192.168.2.64 0.0.0.63 area 0  network 192.168.2.128 0.0.0.63 area 0  network 192.168.2.192 0.0.0.63 area 0  network 192.168.3.0 0.0.0.63 area 0  network 192.168.1.0 0.0.0.63 area 0  network 192.168.100.0 0.0.0.31 area 0  network 192.168.100.32 0.0.0.31 area 0  network 192.168.202.0 0.0.1.255 area 0  network 192.168.254.8 0.0.0.3 area 0  network 192.168.254.12 0.0.0.3 area 0  ex  ==========CORE1==========  en  conf t  router ospf 10  router-id 3.3.3.3  network 192.168.254.0 0.0.0.3 area 0  network 192.168.254.8 0.0.0.3 area 0  network 195.136.17.0 0.0.0.3 area 0  network 195.136.17.4 0.0.0.3 area 0  ex  ==========CORE2==========  en  conf t  router ospf 10  router-id 4.4.4.4  network 192.168.254.4 0.0.0.3 area 0  network 192.168.254.12 0.0.0.3 area 0  network 195.136.17.8 0.0.0.3 area 0  network 195.136.17.12 0.0.0.3 area 0  ex  ==========ISP1==========  en  conf t  router ospf 10  router-id 5.5.5.5  network 195.136.17.0 0.0.0.3 area 0  network 195.136.17.8 0.0.0.3 area 0  ex  ==========ISP2==========  en  conf t  router ospf 10  router-id 6.6.6.6  network 195.136.17.4 0.0.0.3 area 0  network 195.136.17.12 0.0.0.3 area 0  ex |
| L3 switch inter-vlan | int vlan 10  no sh  ip address 192.168.1.1 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 20  no sh  ip address 192.168.1.65 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 30  no sh  ip address 192.168.1.129 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 40  no sh  ip address 192.168.1.193 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 50  no sh  ip address 192.168.2.1 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 60  no sh  ip address 192.168.2.65 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 70  no sh  ip address 192.168.2.129 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 80  no sh  ip address 192.168.2.193 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 90  no sh  ip address 192.168.3.1 255.255.255.192  ip helper-address 192.168.100.3  ex  int vlan 100  no sh  ip address 192.168.100.1 255.255.255.224  ip helper-address 192.168.100.3  ex  int vlan 110  no sh  ip address 192.168.100.33 255.255.255.224  ip helper-address 192.168.100.3  int vlan 130  no sh  ip address 192.168.202.1 255.255.254.0  ip helper-address 192.168.100.3  ex |
| NAT & Access List on CORE Router | en  conf t  ip nat inside source list 1 int se0/0/0 overload  ip nat inside source list 1 int se0/0/0 overload  access-list 1 permit 192.168.1.0 0.0.0.63  access-list 1 permit 192.168.1.64 0.0.0.63  access-list 1 permit 192.168.1.128 0.0.0.63  access-list 1 permit 192.168.1.192 0.0.0.63  access-list 1 permit 192.168.2.1 0.0.0.63  access-list 1 permit 192.168.2.64 0.0.0.63  access-list 1 permit 192.168.2.128 0.0.0.63  access-list 1 permit 192.168.2.192 0.0.0.63  access-list 1 permit 192.168.3.0 0.0.0.63  access-list 1 permit 192.168.3.64 0.0.0.15  access-list 1 permit 192.168.3.80 0.0.0.15  int range g0/0-1  ip nat inside  exit  int s0/0/0  ip nat outside  ex  int s0/0/1  ip nat outside  note:  print are not configured for access-list yet |
|  |  |
|  |  |
| Port security and sticky port | int range fa0/3-24  switchport port-security maximum 1  switchport port-security mac-address sticky |