//接入层交换机只做二层交换，三层交换在核心网做

接入层交换机只起到hub作用

##HQ-CS-A& HQ-CS-B

system-view

sysname HQ-CS-A

display current-configuration

//开始链路聚合（缩写LACP）

//在S1和S2上创建Eth-Trunk 1，然后将G0/0/9和G0/0/10接口加入

Eth-Trunk 1（注意：将接口加入Eth-Trunk前需确认成员接口下没有任何配置）。

interface Eth-Trunk 1

mode lacp-static

port link-type trunk

port trunk allow-pass vlan all

quit

interface GigabitEthernet 0/0/9

eth-trunk 1

quit

interface GigabitEthernet 0/0/10

eth-trunk 1

quit

lacp priority 100

interface GigabitEthernet 0/0/9

lacp priority 100

quit

interface GigabitEthernet 0/0/10

lacp priority 100

quit

display eth-trunk 1

//创建vlanif

vlan batch 4 5 200

display vlan

interface Eth-Trunk 1

port trunk pvid vlan 200

quit

//VLANIF （网关地址）

interface Vlanif 4

ip address 192.168.8.1 24

interface Vlanif 200

ip address 192.168.11.209 28

interface GigabitEthernet0/0/1

port link-type trunk

port trunk allow-pass vlan all

quit

interface GigabitEthernet0/0/2

port link-type trunk

port trunk allow-pass vlan all

quit

interface GigabitEthernet0/0/3

port link-type trunk

port trunk allow-pass vlan all

quit

//OSPF (三层)

vlan 10

interface GigabitEthernet0/0/3

port link-type access

port default vlan 10

quit

interface Vlanif 10

ip address 192.168.11.66 28

quit

ip route-static 0.0.0.0 0.0.0.0 10.0.11.67

interface LoopBack 0

ip address 192.168.11.129 28

quit

ospf 1 router-id 192.168.11.130

area 0

network 192.168.8.0 0.0.0.255

quit

quit

//MSTP

stp region-configuration

region-name Huawei

instance 1 vlan 4

instance 1 vlan 5

active region-configuration

quit

stp instance 1 priority 4096

stp instance 2 priority 8192

//VRRP

interface Vlanif 4

vrrp vrid 1 virtual-ip 192.168.8.254

vrrp vrid 1 priority 150

quit

interface Vlanif 5

ip address 192.168.9.2 24

vrrp vrid 2 virtual-ip 192.168.9.254

vrrp vrid 2 priority 150

quit

## HQ-AS-1

system-view

sysname HQ-AS-1

display current-configuration

vlan 4

interface Ethernet0/0/1

port link-type access

port default vlan 4

quit

interface GigabitEthernet0/0/1

port link-type trunk

port trunk allow-pass vlan all

quit

interface GigabitEthernet0/0/2

port link-type trunk

port trunk allow-pass vlan all

quit

//VRRP

interface Vlanif 4

ip address 192.168.8.3 255.255.255.0

quit

//E1给vlan4,G1给SA——G1，G2给SB——G2。

## HQ-AS-2

system-view

sysname HQ-AS-2

display current-configuration

vlan batch 4 5

interface Ethernet0/0/1

port link-type access

port default vlan 4

quit

interface Ethernet0/0/2

port link-type access

port default vlan 5

quit

interface GigabitEthernet0/0/1

port link-type trunk

port trunk allow-pass vlan all

quit

interface GigabitEthernet0/0/2

port link-type trunk

port trunk allow-pass vlan all

quit

//VRRP

interface Vlanif 4

ip address 192.168.8.4 255.255.255.0

quit

interface Vlanif 5

ip address 192.168.9.4 255.255.255.0

quit

//E1给vlan4, E2给vlan5,G1给SA——G2，G2给SB——G2。

ping 192.168.8.0

tracert 192.168.8.0

display ip routing-table