SecPath 防火墙双机热备功能配置（单主模式）

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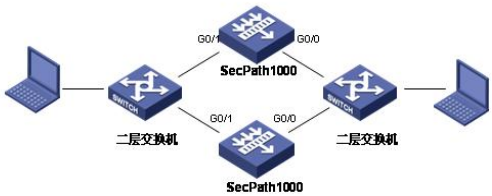
SecPath防火墙双机热备功能的配置（ - ）

一、 组网需求：

SecPath防火墙在双机热备的情况下做Session 的同步

二、 组网图：



三、 配置步骤：

适用版本 ESS 1621 之后的所有版本

```
#
 sysname Quidway-1
#
 firewall packet-filter enable
 firewall packet-filter default permit
#
 firewall statistic system enable
#
radius scheme system
 server-type huawei
#
domain system
#
local-user secpath
 password cipher )=.#LQK.[)+Q=^Q`MAF4<1!!
 service-type ssh telnet terminal
 level 3
#
interface Aux0
 async mode flow
#
interface Ethernet1/0                    // 该选项为选配，可以不配地址
 ip address 1.1.1.2 255.255.255.0
#
interface Ethernet1/1
```

```
#
interface GigabitEthernet0/0
 ip address 192.168.1.253 255.255.255.0
#
interface GigabitEthernet0/1
ip address 10.1.1.253 255.255.255.0
#
interface Encrypt2/0
#
interface NULL0
#
firewall zone local
 set priority 100
#
firewall zone trust
 add interface GigabitEthernet0/0
 set priority 85
#
firewall zone untrust
 add interface GigabitEthernet0/1
 set priority 5
#
firewall zone DMZ
 set priority 50
#
firewall interzone local trust
#
firewall interzone local untrust
#
firewall interzone local DMZ
#
firewall interzone trust untrust
#
firewall interzone trust DMZ
#
firewall interzone DMZ untrust
#
rdo 1                          // 配置rdo 组，未加深部分为设备自动生成项
 priority 105                  // 配置组的优先级
 ha-interface interface Ethernet1/0 peer-mac ffff-ffff-ffff  // 配置同步状态使用的端口
 vif 1 interface GigabitEthernet0/0 virtual-ip 192.168.1.200 virtual-mac 005e-0000-
1101 reduce 10                          // 配置虚接口地址
 vif 2 interface GigabitEthernet0/1 virtual-ip 10.1.1.200 virtual-mac 005e-0000-110
2 reduce 10                          // 配置虚接口地址
#
user-interface con 0
 authentication-mode scheme
user-interface aux 0
 authentication-mode scheme
user-interface vty 0 4
 authentication-mode scheme



sysname Quidway-2
#
 firewall packet-filter enable
 firewall packet-filter default permit
#
 firewall statistic system enable
#
radius scheme system
 server-type huawei
#
```

```
domain system
#
local-user secpath
 password cipher )=.#LQK.[)+Q=^Q`MAF4<1!!
 service-type ssh telnet terminal
 level 3
#
interface Aux0
 async mode flow
#
interface GigabitEthernet0/0
 ip address 192.168.1.254 255.255.255.0
#
interface GigabitEthernet0/1
ip address 10.1.1.254 255.255.255.0
#
interface GigabitEthernet1/0        //选配项，可以不配地址、不加入域
 ip address 1.1.1.1 255.255.255.0
#
interface GigabitEthernet1/1
#
interface Encrypt2/0
#
interface NULL0
#
firewall zone local
 set priority 100
#
firewall zone trust
 add interface GigabitEthernet0/0
 set priority 85
#
firewall zone untrust
 add interface GigabitEthernet0/1
 set priority 5
#
firewall zone DMZ
 set priority 50
#
firewall interzone local trust
#
firewall interzone local untrust
#
firewall interzone local DMZ
#
firewall interzone trust untrust
#
firewall interzone trust DMZ
#
firewall interzone DMZ untrust
#
rdo 1                //配置rdo组，配置说明同上
 ha-interface interface GigabitEthernet1/0 peer-mac ffff-ffff-ffff
 vif 1 interface GigabitEthernet0/0 virtual-ip 192.168.1.200 virtual-mac 005e-0000-
1101 reduce 10
 vif 2 interface GigabitEthernet0/1 virtual-ip 10.1.1.200 virtual-mac 005e-0000-110
2 reduce 10
#
user-interface con 0
 authentication-mode scheme
user-interface aux 0
 authentication-mode scheme
user-interface vty 0 4
 authentication-mode scheme
```

> **四、 配置关键点：**
> 注意优先级的使用，大优先级的设备为主设备，当vif组中的端口down后 rdo 优先级的值会相应减小（reduce 后面的数值）。 同步后的session在前面有 remote 的标识项。