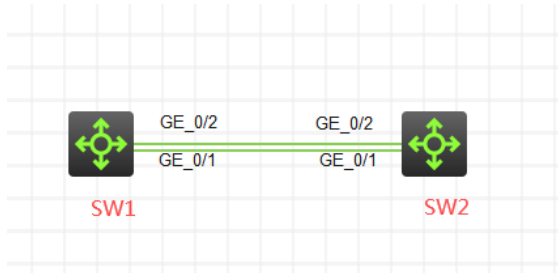


组网及说明



本案例采用H3C HCL模拟器来模拟二层动态链路聚合的典型组网配置案例，具体的设备信息和链接的端口已在网络拓扑图中有了明确的标识。

配置步骤

SW1:

```
<H3C>sys
System View: return to User View with Ctrl+Z.
[H3C]sysname SW1
[SW1]vlan 10
[SW1-vlan10]quit
[SW1]int Bridge-Aggregation 1
[SW1-Bridge-Aggregation1]quit
[SW1]int range gi 1/0/1 to gi 1/0/2
[SW1-if-range]port link-aggregation group 1
[SW1-if-range]quit
[SW1]int Bridge-Aggregation 1
[SW1-Bridge-Aggregation1]port link-type trunk
Configuring GigabitEthernet1/0/1 done.
Configuring GigabitEthernet1/0/2 done.
[SW1-Bridge-Aggregation1]undo port trunk permit vlan 1
Configuring GigabitEthernet1/0/1 done.
Configuring GigabitEthernet1/0/2 done.
[SW1-Bridge-Aggregation1]port trunk permit vlan 10
Configuring GigabitEthernet1/0/1 done.
Configuring GigabitEthernet1/0/2 done.
[SW1-Bridge-Aggregation1]link-aggregation mode dynamic
[SW1-Bridge-Aggregation1]quit
```

SW2:

```
<H3C>sys
System View: return to User View with Ctrl+Z.
[H3C]sysname SW2
[SW2]vlan 10
[SW2-vlan10]quit
[SW2]int Bridge-Aggregation 1
[SW2-Bridge-Aggregation1]quit
[SW2]int range gi 1/0/1 to gi 1/0/2
[SW2-if-range]port link-aggregation group 1
[SW2-if-range]quit
[SW2]int Bridge-Aggregation 1
[SW2-Bridge-Aggregation1]port link-type trunk
Configuring GigabitEthernet1/0/1 done.
Configuring GigabitEthernet1/0/2 done.
[SW2-Bridge-Aggregation1]undo port trunk permit vlan 1
Configuring GigabitEthernet1/0/1 done.
Configuring GigabitEthernet1/0/2 done.
[SW2-Bridge-Aggregation1]port trunk permit vlan 10
Configuring GigabitEthernet1/0/1 done.
```

Configuring GigabitEthernet1/0/2 done.
[SW2-Bridge-Aggregation1]link-aggregation mode dynamic
[SW2-Bridge-Aggregation1]quit

查看SW1和SW2的链路聚合状态信息:

```
[SW1]dis link-aggregation verbose
Loadsharing Type: Shar -- Loadsharing, NonS -- Non-Loadsharing
Port: A -- Auto
Port Status: S -- Selected, U -- Unselected, I -- Individual
Flags: A -- LACP Activity, B -- LACP Timeout, C -- Aggregation,
       D -- Synchronization, E -- Collecting, F -- Distributing,
       G -- Defaulted, H -- Expired

Aggregate Interface: Bridge-Aggregation1
Aggregation Mode: Dynamic
Loadsharing Type: Shar
System ID: 0x8000, 1ec3-2c7d-0100
Local:
  Port      Status Priority Oper-Key  Flag
-----
GE1/0/1    S       32768   1       (ACDEF)
GE1/0/2    S       32768   1       (ACDEF)
Remote:
  Actor      Partner Priority Oper-Key  SystemID      Flag
-----
GE1/0/1     2       32768   1       0x8000, 1ec3-319c-0200 (ACDEF)
GE1/0/2     3       32768   1       0x8000, 1ec3-319c-0200 (ACDEF)
[SW1]
```

```
[SW2]dis link-aggregation verbose
Loadsharing Type: Shar -- Loadsharing, NonS -- Non-Loadsharing
Port: A -- Auto
Port Status: S -- Selected, U -- Unselected, I -- Individual
Flags: A -- LACP Activity, B -- LACP Timeout, C -- Aggregation,
       D -- Synchronization, E -- Collecting, F -- Distributing,
       G -- Defaulted, H -- Expired

Aggregate Interface: Bridge-Aggregation1
Aggregation Mode: Dynamic
Loadsharing Type: Shar
System ID: 0x8000, 1ec3-319c-0200
Local:
  Port      Status Priority Oper-Key  Flag
-----
GE1/0/1    S       32768   1       (ACDEF)
GE1/0/2    S       32768   1       (ACDEF)
Remote:
  Actor      Partner Priority Oper-Key  SystemID      Flag
-----
GE1/0/1     2       32768   1       0x8000, 1ec3-2c7d-0100 (ACDEF)
GE1/0/2     3       32768   1       0x8000, 1ec3-2c7d-0100 (ACDEF)
[SW2]
```

至此，H3C HCL模拟器S5820交换机二层动态链路聚合典型组网配置案例已完成。

配置关键点