

组网及说明

本案例采用H3C S6800与华为5720对接二层链路聚合典型组网

H3C S6800版本信息如下:

H3C Comware Software, Version 7.1.045, Release 2418P05
Copyright (c) 2004-2015 Hangzhou H3C Tech. Co., Ltd. All rights reserved.
H3C S6800-4C uptime is 239 weeks, 4 days, 7 hours, 2 minutes
Last reboot reason : USER reboot

Boot image: flash:/s6800-cmw710-boot-r2418p05.bin
Boot image version: 7.1.045, Release 2418P05
Compiled Jun 09 2015 12:06:42
System image: flash:/s6800-cmw710-system-r2418p05.bin
System image version: 7.1.045, Release 2418P05
Compiled Jun 09 2015 12:06:42

华为5720版本信息如下:

Huawei Versatile Routing Platform Software
VRP (R) software, Version 5.170 (S5720 V200R010C00SPC600)
Copyright (C) 2000-2016 HUAWEI TECH CO., LTD
HUAWEI S5720-56C-EI-AC Routing Switch uptime is 97 weeks, 3 days, 9 hours, 49 minutes

ES5D2T52C002 0(Master) : uptime is 97 weeks, 3 days, 9 hours, 48 minutes
DDR Memory Size : 2048 M bytes
FLASH Memory Size : 344 M bytes
Pcb Version : VER.C
BootROM Version : 020a.0001
BootLoad Version : 020a.0001
CPLD Version : 010c
Software Version : VRP (R) Software, Version 5.170 (V200R010C00SPC600)
PWR1 information
Pcb Version : PWR VER.B
PWR2 information
Pcb Version : PWR VER.B
FAN1 information
Pcb Version : NA

配置步骤

S6800的XGE1/2/1、XGE2/2/1端口分别与华为5720的XGE0/0/1、XGE0/0/2端口互联

配置关键点

S6800二层链路聚合配置:

```
interface Bridge-Aggregation10
description H
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 4 to 5 12 400
quit
interface Ten-GigabitEthernet2/2/1
port link-mode bridge
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 4 to 5 12 400
stp root-protection
port link-aggregation group 10
quit
interface Ten-GigabitEthernet1/2/1
```

```
port link-mode bridge
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 4 to 5 12 400
stp root-protection
port link-aggregation group 10
quit
```

华为5720二层链路聚合配置如下:

```
interface Eth-Trunk10
port link-type trunk
undo port trunk allow-pass vlan 1
port trunk allow-pass vlan 4 to 5 12 400
quit
interface XGigabitEthernet0/0/1
eth-trunk 10
quit
interface XGigabitEthernet0/0/2
eth-trunk 10
quit
```

查看S6800的链路聚合组的状态均为S:

```
dis link-aggregation verbose Bridge-Aggregation 10
Loadsharing Type: Shar -- Loadsharing, NonS -- Non-Loadsharing
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-Aggregation10

Aggregation Mode: Static

Loadsharing Type: Shar

Port	Status	Priority	Oper-Key
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XGE1/2/1	S	32768	5
XGE2/2/1	S	32768	5

查看华为5720的链路聚合状态均为UP:

```
dis eth-trunk 10
```

Eth-Trunk10's state information is:

WorkingMode: NORMAL Hash arithmetic: According to SIP-XOR-DIP

Least Active-linknumber: 1 Max Bandwidth-affected-linknumber: 8

Operate status: up Number Of Up Port In Trunk: 2

PortName	Status	Weight
XGigabitEthernet0/0/1	Up	1
XGigabitEthernet0/0/2	Up	1

至此，S6800与华为5720对接二层链路聚合典型组网配置案例已完成!