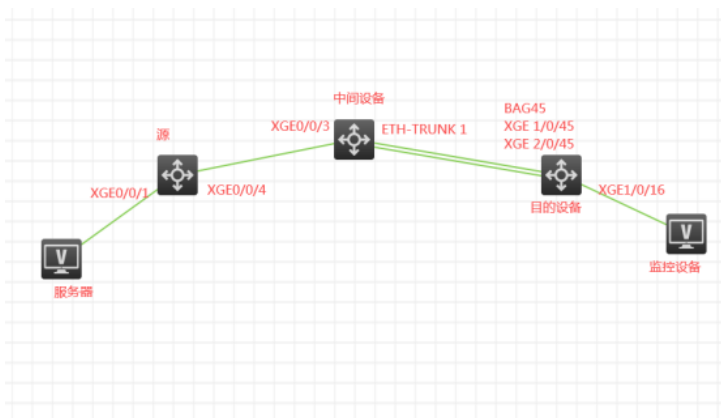


知 S5820与华为5720对接二层远程端口镜像典型组网配置案例

镜像 韦家宁 2020-05-25 发表

组网及说明



组网说明：

本案例使用S5820交换机与华为5720交换机对接二层远程端口镜像，源设备和目的设备都是华为5720交换机，目的设备是H3C S5820交换机。通过S5820交换机与华为5720交换机对接二层远程端口镜像，实现流量的镜像及监控。

S5820版本信息如下：

H3C Comware Software, Version 7.1.045, Release 2418P06

Copyright (c) 2004-2015 Hangzhou H3C Tech. Co., Ltd. All rights reserved.

H3C S5820V2-48S uptime is 240 weeks, 3 days, 2 hours, 10 minutes

Last reboot reason : USER reboot

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

S5800的MAC如下：

dis lldp local-information

Global LLDP local-information:

Chassis ID : 741f-4a25-ae4b

System name : s5800

System description : H3C Comware Platform Software, Software Version 7.1.045,

Release 2418P06

H3C S5820V2-48S

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rights reserved.

System capabilities supported : Bridge, Router, Customer Bridge, Service Bridge

System capabilities enabled : Bridge, Router, Customer Bridge

配置步骤

S5820远程端口镜像配置:

```
vlan 666
```

```
undo mac-address mac-learning enable
```

```
quit
```

```
mirroring-group 1 remote-destination
```

```
mirroring-group 1 remote-probe vlan 666
```

```
mirroring-group 1 monitor-port Ten-GigabitEthernet 1/0/16
```

```
int ten 1/0/16
```

```
port link-type access
```

```
port acc vlan 666
```

```
quit
```

```
interface Bridge-Aggregation45
```

```
port link-type trunk
```

```
undo port trunk permit vlan 1
```

```
port trunk permit vlan 666
```

```
quit
```

```
int ten 1/0/45
```

```
port link-type trunk
```

```
undo port trunk permit vlan 1
```

```
port trunk permit vlan 666
```

```
port link-aggregation group 45
```

```
quit
```

```
int ten 2/0/45
```

```
port link-type trunk
```

```
undo port trunk permit vlan 1
```

```
port trunk permit vlan 666
```

```
port link-aggregation group 45
```

```
quit
```

源设备远程端口镜像配置:

```
vlan 666
```

```
mac-address learning disable //禁止镜像vlan学习MAC
```

```
#
```

```
observe-port 1 interface XGigabitEthernet0/0/4 vlan 666
```

```
#
```

```
interface GigabitEthernet0/0/1 //镜像端口
```

```
port link-type access
```

```
port default vlan 2
```

```
port-mirroring to observe-port 1 inbound
```

```
port-mirroring to observe-port 1 outbound
```

```
#
```

```
#
```

```
interface XGigabitEthernet0/0/4 观察端口
```

```
port link-type trunk
```

```
port trunk allow-pass vlan 666
```

```
#
```

#中间设备配置:

```
vlan 666
```

```
mac-address learning disable
```

```
#
```

```
#
```

```
interface XGigabitEthernet0/0/3
port link-type trunk
port trunk allow-pass vlan 666
#
#
interface Eth-Trunk1
port link-type trunk
port trunk allow-pass vlan 666
#
```

配置关键点