

知 S5820 supervlan添加subvlan失败的解决办法

Super Vlan VLAN 韦家宁 2020-07-11 发表

组网及说明

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问题描述

S5820的版本信息如下:

```
<H3C>dis version
H3C Comware Software, Version 7.1.075, Alpha 7571
Copyright (c) 2004-2017 New H3C Technologies Co., Ltd. All rights reserved.
H3C S5820V2-54QS-GE uptime is 0 weeks, 0 days, 14 hours, 1 minute
Last reboot reason: User reboot
Boot image: flash:/s5820v2_5830v2-cmw710-boot-a7514.bin
Boot image version: 7.1.075, Alpha 7571
  Compiled Sep 20 2017 16:00:00
Boot image: flash:/s5820v2_5830v2-cmw710-system-a7514.bin
Boot image version: 7.1.075, Alpha 7571
  Compiled Sep 20 2017 16:00:00
```

Slot 1:

```
S5820V2-54QS-GE with 2 Processors
BOARD TYPE: S5820V2-54QS-GE
DRAM: 512M bytes
FLASH: 1024M bytes
PCB 1 Version: VER.C
Bootrom Version: 908
CPLD 1 Version: 002
CPLD 2 Version: 002
Release Version: H3C S5820V2-54QS-GE
Patch Version: None
Reboot Cause: User reboot
[SubSlot 0] 48SFP Plus+4QSFP Plus
```

<H3C>

在配置supervlan后添加subvlan有如下错误提示:

```
[H3C]vlan 10
[H3C-vlan10]supervlan
[H3C-vlan10]subvlan 20
Cannot configure the VLAN as a sub-VLAN because a VLAN interface is already created for the VLAN.
[H3C-vlan10]quit
```

过程分析

Cannot configure the VLAN as a sub-VLAN because a VLAN interface is already created for the VLAN. //这个错误提示说明要添加的subvlan 20已经配置了int vlan 20, 所以无法添加。

通过dis cu int vlan可以看到确实存在了int vlan 20:

```
[H3C]dis cu int vlan
#
interface Vlan-interface20
 ip address 10.1.1.1 255.255.255.0
#
return
[H3C]
```

解决方法

如果要添加vlan 20为subvlan, 则需要将int vlan 20给删掉后才可以添加, 删掉int vlan 20后即可配置vlan 20为subvlan:

```
[H3C]undo int vlan 20
[H3C]vlan 10
[H3C-vlan10]subvlan 20
[H3C-vlan10]quit
[H3C]
```

