

知 7506E (V5) VOICE VLAN配置下发失败

Voice Vlan 许鹏鹏 2022-03-25 发表

组网及说明

不涉及

问题描述

设备上9槽位敲voice vlan enable的时候提示失败，相同型号的4槽位接口能够正常配置

```
[H3C-GigabitEthernet9/0/24] voice vlan 18 enable
```

Fail to enable voice VLAN on this port.

4槽位板卡能正常配置：

```
#
```

```
interface GigabitEthernet4/0/40
```

```
port link-mode bridge
```

```
port link-type hybrid
```

```
undo port hybrid vlan 1
```

```
port hybrid vlan 30 untagged
```

```
port hybrid pvid vlan 30
```

```
voice vlan qos trust
```

```
voice vlan 18 enable
```

过程分析

板卡相同型号相同版本:

```
=====display device verbose=====
=====
Slot No. Brd Type      Brd Status  Subslot Num  Sft Ver      Patch Ver
0   LSQ1GP48SA      Normal     0           S7500E-6708P05  None
1   NONE           Absent     0           NONE          None
2   NONE           Absent     0           NONE          None
3   NONE           Absent     0           NONE          None
4   LSQ1GV48SA      Normal     0           S7500E-6708P05  None
5   LSQ1SRP2XB      Master     0           S7500E-6708P05  None
6   LSQ1SRP2XB      Slave      0           S7500E-6708P05  None
7   LSQ1GV48SA      Normal     0           S7500E-6708P05  None
8   LSQ1GV48SA      Normal     0           S7500E-6708P05  None
9   LSQ1GV48SA      Normal     0           S7500E-6708P05  None
10  LSQ1GV48SA      Normal     0           S7500E-6708P05  None
```

查看诊断, Slot 9和slot 10的acl资源用完了, 没有bank可以再分配给voice vlan了。如果要用的话, 得空出一些acl资源出来

- slot 9 记录"acl下发失败"1次

Mar 24 2022 09:41:36:0107:

```
LINE:1462, File platform_bcm/drv/qacl/drv_qacl_adapt.c-TASK:RPCQ-FUNC::
Handler_Global exe_install failed,enApplyRange 0, pstEntryListEx 0xc21e4060,ulRet 11
```

- slot 9 记录"acl下发失败"1次

Mar 24 2022 09:41:36:0107:

```
LINE:1462, File platform_bcm/drv/qacl/drv_qacl_adapt.c-TASK:RPCQ-FUNC::
Handler_Global exe_install failed,enApplyRange 0, pstEntryListEx 0xc21e4060,ulRet 11
```

Slot4:

```
=====debug qacl show acl-resc 4 0=====
-----
Group 5,usedEntries 86,physlice 5,mode Single
=====
acl type          usedEntries[86]
=====
[26 ]Voice-Vlan      86
=====
```

Slot9:

```
=====debug qacl show acl-resc 9 0=====
=====
-----Qacl Group UsedResc Info-----
Acl Hw Resource: IFP
-----
Group 0,usedEntries 35,physlice 0-1 ,mode Double
=====
acl type          usedEntries[35]
=====
[22 ]RX Low        6
[62 ]Zero-Mac-Deny 1
[66 ]L2-Miss-Operation 22
[117]MPLS Vpn Middle 6
=====
-----
Group 2,usedEntries 1,physlice 2,mode Single
=====
acl type          usedEntries[1]
=====
[27 ]PortBind Default 1
```

解决方法

Group 3,usedEntries 128,physlice 3,mode Single

优化9槽和10槽的acl配置,使得acl资源空出来

```
=====
acl type          usedEntries[128]
=====
[28 ]PortBind Bind      128
=====
```

Group 4,usedEntries 30,physlice 4-5 ,mode Double

```
=====
acl type          usedEntries[30]
=====
[98 ]PktFilter IPV4/V6 on VRF    30
=====
```

Group 6,usedEntries 128,physlice 6-7 ,mode Double

```
=====
acl type          usedEntries[128]
=====
[98 ]PktFilter IPV4/V6 on VRF    128
=====
```

Group 8,usedEntries 128,physlice 8-9 ,mode Double

```
=====
acl type          usedEntries[128]
=====
[98 ]PktFilter IPV4/V6 on VRF    128
=====
```

Group 10,usedEntries 128,physlice 10-11,mode Double

```
=====
acl type          usedEntries[128]
=====
[98 ]PktFilter IPV4/V6 on VRF    128
=====
```

Group 12,usedEntries 128,physlice 12-13,mode Double

```
=====
acl type          usedEntries[128]
=====
[98 ]PktFilter IPV4/V6 on VRF    128
=====
```

Group 14,usedEntries 48,physlice 14-15,mode Double

```
=====
acl type          usedEntries[48]
=====
[8 ]RX IPv4 High      15
[9 ]RX IPv4 Middle High  5
[10]RX IPv4 Middle    27
[15]RX IPv6 Middle    1
=====
```

