

知 某局点S6850-56HF-L3 display l2vpn vsi ver显示异常

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组网及说明

不涉及

## 问题描述

设备作为leaf设备，开启vlan关联vxlan功能，开启后通过display l2vpn vsi verbose查看vsi信息，以bri13端口为例，bri13端口放通了vlan903，此时通过命令查看ac显示有bri13及物理口（①），随后将改口放通vlan修改为1000，发现对应的vsi ac内没有逻辑口对应物理端口（②），如果将该物理端口以单端口形式放通vlan1000，查看表项在vsi31000里也没有对应的物理接口（④），修改bri13放通vlan903后表项显示正常。按照配置放通对应vlan就可以绑定服务实例，目前放通不同的vlan表项显示不同

① : VSI Name: 30903

```
VSI Index      : 2
VSI State      : Up
MTU            : 1500
Bandwidth      : Unlimited
Broadcast Restrain : Unlimited
Multicast Restrain : Unlimited
Unknown Unicast Restrain: Unlimited
MAC Learning   : Enabled
MAC Table Limit : Unlimited
MAC Learning rate : -
Drop Unknown   : Disabled
Flooding       : Enabled
Statistics     : Disabled
VXLAN ID      : 30903
Tunnels:
```

ACs:

AC	Link ID	State	Type
BAGG13 srv903	0	Down	Manual
WGE1/0/13 srv903	1	Down	Manual
WGE2/0/13 srv903	53	Up	Manual

```
② : [CX-3F-LEAF2-H3C6850-C02&C03-40U-36.2]interface Bridge-Aggregation13
[CX-3F-LEAF2-H3C6850-C02&C03-40U-36.2-Bridge-Aggregation13] port access vlan 1000
Configuring Twenty-FiveGigE1/0/13 done.
Configuring Twenty-FiveGigE2/0/13 done.
```

VSI Name: 31000

```
VSI Index      : 4
VSI State      : Up
MTU            : 1500
Bandwidth      : Unlimited
Broadcast Restrain : Unlimited
Multicast Restrain : Unlimited
Unknown Unicast Restrain: Unlimited
MAC Learning   : Enabled
MAC Table Limit : Unlimited
MAC Learning rate : -
Drop Unknown   : Disabled
Flooding       : Enabled
Statistics     : Disabled
VXLAN ID      : 31000
Tunnels:
```

Tunnel Name	Link ID	State	Type	Flood proxy
Tunnel0	0x5000000	UP	Auto	Disabled
Tunnel1	0x5000001	UP	Auto	Disabled
Tunnel2	0x5000002	UP	Auto	Disabled
Tunnel3	0x5000003	UP	Auto	Disabled
Tunnel4	0x5000004	UP	Auto	Disabled
Tunnel5	0x5000005	UP	Auto	Disabled

ACs:

AC	Link ID	State	Type
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BAGG13 srv1000 1 Down Manual

③ : [CX-3F-LEAF2-H3C6850-C02&C03-40U-36.2-Twenty-FiveGigE2/0/13]undo port link-aggregation group

过程分析

[CX-3F-LEAF2-H3C6850-C02&C03-40U-36.2-Twenty-FiveGigE2/0/13]

[CX-3F-LEAF2-H3C6850-C02&C03-40U-36.2-Twenty-FiveGigE2/0/13]p a v 1000

物理Access模式vlan切换, ac正常生成

聚合成员以access模式vlan切换, 只有第一个permit的vlan才能生成ac

聚合成员以trunk+pvlan模式vlan切换, ac正常生成

MTU : 1500  
Bandwidth : Unlimited  
Broadcast Restrain : Unlimited  
Multicast Restrain : Unlimited  
Unknown Unicast Restrain: Unlimited  
MAC Learning : Enabled  
MAC Table Limit : Unlimited  
MAC Learning rate : -  
Drop Unknown : Disabled  
Flooding : Enabled  
Statistics : Disabled  
VXLAN ID : 31000

ACs:

AC	Link ID	State	Type
BAGG12 srv1000	0	Down	Manual
BAGG13 srv1000	1	Down	Manual

## 解决方法

问题定位结果是平台软件处理存在bug，建议采用聚合成员口trunk+pvid模式进行下一步测试，后续发布补丁解决

