



虚墙之间共享使用vlan需要开启vlan-unshared模式

Context

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组网及说明

现场需要将一组二层口和一组vlan共享给两个虚墙使用

告警信息

报错如下

```
3-APP_vFW]undo al
3-APP_vFW]undo allocate inter
3-APP_vFW]undo allocate interface bri
3-APP_vFW]undo allocate interface Bridge-Aggregation 3 to
3-APP_vFW]undo allocate interface Bridge-Aggregation 3 to bri
3-APP_vFW]undo allocate interface Bridge-Aggregation 3 to Bridge-Aggregation 5 sh
3-APP_vFW]undo allocate interface Bridge-Aggregation 3 to Bridge-Aggregation 5
of the interfaces will be lost. Continue? [Y/N]:y
3-APP_vFW]
3-APP_vFW]dis
3-APP_vFW]display this
3-APP_vFW]display this

FW id 3
t
erface GigabitEthernet1/4/0 share
erface GigabitEthernet2/4/0 share
erface Route-Aggregation1 share

3-APP_vFW]al
3-APP_vFW]allocate vl
3-APP_vFW]allocate vlan 10
led. A VLAN and its bound port have been assigned to another context.
3-APP_vFW]a1
3-APP_vFW]undo al
3-APP_vFW]undo allocate inter
3-APP_vFW]undo allocate interface rou
3-APP_vFW]undo allocate interface Route-Aggregation 1
of the interfaces will be lost. Continue? [Y/N]:y
3-APP_vFW]dis
3-APP_vFW]display this
3-APP_vFW]display this

FW id 3
t
erface GigabitEthernet1/4/0 share
erface GigabitEthernet2/4/0 share

3-APP_vFW]allocate vlan 10
led. A VLAN and its bound port have been assigned to another context.
3-APP_vFW]█
```

问题描述

现场的需求为题，实际上无法满足

过程分析

1. 虚墙独占接口，上到这个接口的流量我就知道这个二层流量去哪个虚墙，这个时候虚墙可以共享使用vlan; //vlan-unshared模式
2. 虚墙独占Vlan，这个流量带什么vlan tage，我就知道这个流量该上到哪个虚墙，这个也就是现场的情况，虚墙不能共享 //vlan-shared模式（缺省模式）

注意，二层聚合口由于必须使用共享模式，所以上边第1点，只能将二层物理口独占到context，然后进入虚墙配置聚合口

原因：二层流量上到防火墙，只有两个方法判断这个二层报文该去哪个虚墙，1、vlan；2、独占的接口

解决方法

要么二层接口独占，要么vlan独占，只能选择其一

