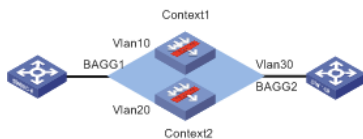


知 V7防火墙二层虚墙典型配置案例

Context 孙轶宁 2019-05-26 发表

组网及说明



如上拓扑所示，vlan10的网关在虚墙1，vlan20的网关在虚墙2，两个虚墙都通过vlan30与上行交换机互联。

配置步骤

在主墙配置业务vlan10和20，以及与出口互联的vlan30

```
[F1030-New]vlan 10
[F1030-New-vlan10]qu
[F1030-New]vlan 20
[F1030-New-vlan20]qu
[F1030-New]int vlan 10
[F1030-New-Vlan-interface10]qu
[F1030-New]int vlan 20
[F1030-New-Vlan-interface20]qu
[F1030-New]vlan 30
[F1030-New-vlan30]qu
[F1030-New]int vlan 30
[F1030-New-Vlan-interface30]qu
进入聚合口1，放通业务vlan
[F1030-New]int Bridge-Aggregation1
[F1030-New-Bridge-Aggregation1]port link-type trunk
[F1030-New-Bridge-Aggregation1]port trunk permit vlan 10 20
进入聚合口2，放通业务vlan
[F1030-New]int Bridge-Aggregation2
[F1030-New-Bridge-Aggregation2]port link-type trunk
[F1030-New-Bridge-Aggregation2]port trunk permit vlan 30
创建虚墙1，分配接口、业务vlan10和互联vlan30
[F1030-New]context 1
[F1030-New-context-24-1]allocate interface Bridge-Aggregation 1 share
[F1030-New-context-24-1]allocate interface Bridge-Aggregation 2 share
[F1030-New-context-24-1]allocate interface Vlan-interface 10 share
[F1030-New-context-24-1]allocate interface Vlan-interface 30 share
[F1030-New-context-14-1]context start
配置虚墙2，分配接口、业务vlan20和互联vlan30
[F1030-New]context 2
[F1030-New-context-24-2]allocate interface Bridge-Aggregation 1 share
[F1030-New-context-24-2]allocate interface Bridge-Aggregation 2 share
[F1030-New-context-24-2]allocate interface Vlan-interface 20 share
[F1030-New-context-24-2]allocate interface Vlan-interface 30 share
[F1030-New-context-14-2]context start
然后在系统视图下通过switchto context 1以及2 切换到虚墙进行配置
```

配置关键点

二层接口只能通过share方式共享到虚墙，而不能被虚墙独占，尝试独占会报如下的错误

```
[F1030-New-context-9-1]allocate int bagg1
Configuration of the interfaces will be lost. Continue? [Y/N]:y
```

Bridge-Aggregation1 cannot be allocated to a context exclusively.

因为二层接口是通过share方式分享给虚墙的，虚墙无法独占vlan，因此将vlan接口也共享到虚墙