

知 6520X-EI交换机使用反射口方式进行二层远程镜像时，反射口对于镜像报文的处理

镜像 赵卓 2021-12-22 发表

组网及说明

设备使用反射口方式实现二层远程镜像，1/0/3口作为源端口，1/0/5口作为反射口，vlan2是镜像vlan
[access-1]display mirroring-group 1

Mirroring group 1:

Type: Remote source

Status: Active

Mirroring port:

Ten-GigabitEthernet1/0/3 Both

Reflector port: Ten-GigabitEthernet1/0/5

Remote probe VLAN: 2

问题描述

无

过程分析

无

解决方法

正常情况下，反射口能按照带宽全部反射，但是反射口在进行反射时，会在外层再加一层vlan标签，因此实际能反射的要略微小一点。

```
[access-1-Ten-GigabitEthernet1/0/33
```

```
<access-1>d c r i i
```

```
Usage: Bandwidth utilization in percentage
```

Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
XGE1/0/3	97	8223763	--	--
XGE1/0/5	100	8223749	--	--
XGE1/0/33	0	1	--	--

```
Overflow: More than 14 digits.
```

```
--: Not supported.
```

```
<access-1>
```

1) 在镜像目的口是access口时:

```
[access-1-Ten-GigabitEthernet1/0/33]dis this
```

```
#
```

```
interface Ten-GigabitEthernet1/0/33
port link-mode bridge
port access vlan 2
flow-interval 5
```

```
#
```

```
return
```

```
[access-1-Ten-GigabitEthernet1/0/33]
```

```
<access-1>d c r o i
```

```
Usage: Bandwidth utilization in percentage
```

Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
XGE1/0/3	0	0	--	--
XGE1/0/5	100	8223804	--	--
XGE1/0/33	97	8223802	--	--

```
Overflow: More than 14 digits.
```

```
--: Not supported.
```

```
<access-1>
```

1) 在镜像目的口是trunk口时:

```
[access-1-Ten-GigabitEthernet1/0/33]dis this
```

```
#
```

```
interface Ten-GigabitEthernet1/0/33
port link-mode bridge
port link-type trunk
undo port trunk permit vlan 1
port trunk permit vlan 2
flow-interval 5
```

```
#
```

```
[access-1-Ten-GigabitEthernet1/0/33]d c r o i
```

```
Usage: Bandwidth utilization in percentage
```

Interface	Usage (%)	Total (pps)	Broadcast (pps)	Multicast (pps)
XGE1/0/3	0	1	--	--
XGE1/0/5	100	8224218	--	--
XGE1/0/33	100	8223962	--	--

```
Overflow: More than 14 digits.
```

```
--: Not supported.
```

```
[access-1-Ten-GigabitEthernet1/0/33]
```

看端口统计信息，在为trunk口时如下:

Ten-GigabitEthernet1/0/3

Input (total): 22172124 packets, 2838031872 bytes