

知 H3C Comware V7平台设备如何快速查看MPLS网络去往某地址的公网标签和私网标签

MPLS L3VPN 丁翠 2018-09-13 发表

问题描述

H3C Comware V7平台设备如何快速查看MPLS网络去往某地址的公网标签和私网标签?

解决方法

命令:

```
display fib vpn-instance xxx x.x.x.x  
display mpls forwarding nhlfe xx
```

方法举例:

```
display fib vpn-instance 123 150.25.1.211
```

Destination count: 1 FIB entry count: 1

Flag:

U:Useable G:Gateway H:Host B:Blackhole D:Dynamic S:Static

R:Relay F:FRR

Destination/Mask Nexthop Flag OutInterface/Token Label

```
150.0.0.0/8 10.71.26.102 UGR 62 1093 //其中"1093"为去往150.25.1.211地址的私网标签
```

```
display mpls forwarding nhlfe 62 //其中"62"为display fib vpn-instance xxx x.x.x.x命令中的"OutInterface/Token"数值
```

Flags: T - Forwarded through a tunnel

N - Forwarded through the outgoing interface to the nexthop IP address

B - Backup forwarding information

A - Active forwarding information

NID Tnl-Type Flag OutLabel Forwarding Info

```
62 LSP NA 1026 GE2/0/0 10.71.26.26 //其中"1026"为去往150.25.1.211地址的公网标签
```

ip.addr == 150.254.25.17

No.	Time	Source	Destination	Protocol	Length	Info
628	21.092895	150.254.25.17	150.25.1.211	ICMP	106	Echo (ping) request id=0x0140, s
678	23.293636	150.254.25.17	150.25.1.211	ICMP	106	Echo (ping) request id=0x0140, s
753	25.494633	150.254.25.17	150.25.1.211	ICMP	106	Echo (ping) request id=0x0140, s
830	27.695644	150.254.25.17	150.25.1.211	ICMP	106	Echo (ping) request id=0x0140, s
846	29.896513	150.254.25.17	150.25.1.211	ICMP	106	Echo (ping) request id=0x0140, s

```
▸ Frame 628: 106 bytes on wire (848 bits), 106 bytes captured (848 bits)  
▸ Ethernet II, Src: NewH3CTe_b5:5c:6a (38:ad:8e:b5:5c:6a), Dst: Hangzhou_41:5e:5b (00:0f:e2:41:5e:5b)  
▸ MultiProtocol Label Switching Header, Label: 1026, Exp: 0, S: 0, TTL: 255  
▸ MultiProtocol Label Switching Header, Label: 1093, Exp: 0, S: 1, TTL: 255  
▸ Internet Protocol Version 4, Src: 150.254.25.17, Dst: 150.25.1.211  
▸ Internet Control Message Protocol
```