

知 6800负载分担hash因子对ipv6报文是否生效

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组网及说明

不涉及

问题描述

6800负载分担对ipv6报文是否生效？即 ip loading-share mode 后面跟的hash因子对ipv6报文是否生效。

过程分析

如下可以看到 修改因子之后，IPv6 和IPv4 的 field_bitmap 都改变了。可以证明对IPv6也生效。

```
[H3C-probe]bcm s 1 c 0
g/RTAG7_HASH_FIELD_BMAP_1
RTAG7_HASH_FIELD_BMAP_1.ipipe0[1][0x16000c00]=0x1ef8ffc: <IPV4_FIELD_BITMAP_B=0xf7c,
IPV4_FIELD_BITMAP_A=0xffc>
```

```
[H3C-probe]bcm s 1 c 0
g/RTAG7_HASH_FIELD_BMAP_2
RTAG7_HASH_FIELD_BMAP_2.ipipe0[1][0x16000d00]=0x1ef8ffc: <IPV6_FIELD_BITMAP_B=0xf7c,
IPV6_FIELD_BITMAP_A=0xffc>
```

```
[H3C-probe]
sys
System View: return to User View with Ctrl+Z.
```

```
[H3C]ip load-sharing mode per-flow dest-ip src-ip
```

```
[H3C]probe
[H3C-probe]bcm s 1 c 0
g/RTAG7_HASH_FIELD_BMAP_1
RTAG7_HASH_FIELD_BMAP_1.ipipe0[1][0x16000c00]=0x1e00ffc: <IPV4_FIELD_BITMAP_B=0xf00,
IPV4_FIELD_BITMAP_A=0xffc>
```

```
[H3C-probe]bcm s 1 c 0
g/RTAG7_HASH_FIELD_BMAP_2
RTAG7_HASH_FIELD_BMAP_2.ipipe0[1][0x16000d00]=0x1e00ffc: <IPV6_FIELD_BITMAP_B=0xf00,
IPV6_FIELD_BITMAP_A=0xffc>
```

解决方法

6800负载分担hash因子对ipv6报文同样也是生效的