



某局点SR88 个别IPOE用户获取不到地址

Portal

Radius

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组网及说明

SR88--核心交换机--接入交换机--PC

问题描述

个别IPOE用户获取不到地址，trace用户信息，提示静态会话存在，查看会话并没有，但获取不到地址的终端改一下MAC就能成功上线了。

过程分析

debug发现终端发dhcp请求，设备分的地址是x.x.16.16，这个地址是设备上静态会话中的，DHCP分配给用户，且此用户上传的带的二层vlan是1153，不是静态会话中的1024。因此dhcp和静态会话都异常。

对应的DHCP debug信息：

```
*Jan 13 13:34:30:644 2023 XL-BRAS-SR8806-X DHCP/7/PACKET: -MDC=1;
```

```
To 255.255.255.255 port 68, interface Route-Aggregation1.2703
```

```
Message type: REPLY (2)
```

```
Hardware type: 1, Hardware address length: 6
```

```
Hops: 0, Transaction ID: 1792292162
```

```
Seconds: 0, Broadcast flag: 1
```

```
Client IP address: 0.0.0.0 Your IP address: x.x.16.16
```

```
Server IP address: 0.0.0.0 Relay agent IP address: 0.0.0.0
```

```
Client hardware address: x-x-847f
```

```
Server host name: not configured
```

```
Boot file name: not configured
```

```
DHCP message type: DHCPACK (5)
```

对应的trace用户信息：

```
*Jan 13 13:39:35:187 2023 XL-BRAS-SR8806-X USER/7/USER_TRACEINFO:[objectID=1]
```

```
[slotID=25][IPoE][user info:
```

```
MAC address: x-x-847f
```

```
Access interface: Route-Aggregation1.2703
```

```
Service VLAN: 2703
```

```
Customer VLAN: 1153
```

```
User name: 84a9-3e0f-847f
```

```
Access mode: IPoE ]
```

```
[trace info:The static session already exists]
```

配置中存在静态会话：

```
ip subscriber session static ip x.x.16.16 vlan 2703 second-vlan 1024 domain xl_J3 keep-online
```

解决方法

恢复办法：设备上dhcp配置forbidden-ip禁止此地址被dhcp分配即可，已告知现场客户。

恢复办法：

```
dhcp server ip-pool xl_j3
```

```
forbidden-ip x.x.16.16
```

