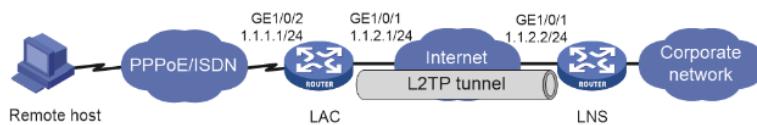


# L2TP 虚接口一直updown

PPP L2TP VPN 姜海云 2022-08-31 发表

## 组网及说明



## 告警信息

```
IFNET/3/PHY_UPDOWN: Physical state on the interface Virtual-Acces  
IFNET/5/LINK_UPDOWN: Line protocol state on the interface Virtual  
IFNET/5/LINK_UPDOWN: Line protocol state on the interface Virtual  
IFNET/3/PHY_UPDOWN: Physical state on the interface Virtual-Acces  
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IFNET/5/LINK_UPDOWN: Line protocol state on the interface Virtual  
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IFNET/3/PHY_UPDOWN: Physical state on the interface Virtual-Acces  
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IFNET/5/LINK_UPDOWN: Line protocol state on the interface Virtual  
IFNET/5/LINK_UPDOWN: Line protocol state on the interface Virtual  
IFNET/3/PHY_UPDOWN: Physical state on the interface Virtual-Acces
```

## 问题描述

```
; i2tp tunnel
> RemoteTID State      Sessions RemoteAddress  RemotePort RemoteName
  1557   Established    0        100.70.255.108  1701      DFMPGW08AZX
  1556   Established    0        100.70.255.108  1701      DFMPGW08AZX
  3087   Established    0        100.70.255.105  1701      DFMPGW05AZX
```

当前隧道建立成功  
终端无法获取地址

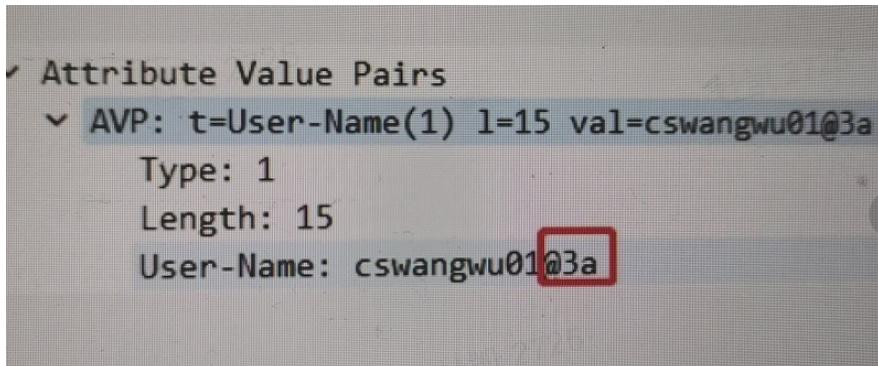
## 过程分析

\*Aug 3 21:48:02:712 2022 LNS PPP/7/CHAP\_EVENT\_0: PPP Event: Virtual-Access0 CHAP AAA Result Event State WaitingAAA

\*Aug 3 21:48:02:712 2022 LNS PPP/7/AUTH\_ERROR\_0: PPP Error: Virtual-Access0 CHAP: Received AAA reject message, authentication failed! \*Aug 3 21:48:02:713 2022 LNS PPP/7/AUTH\_ERROR\_0: PPP Error: Virtual-Access0 CHAP: Server authentication failed No. 1 !

通过debug ppp all 发现3A账号密码问题导致认证失败

通过抓包发现我们发送的报文中携带@3A字段，导致账户名密码认证失败



The screenshot shows a list of Attribute Value Pairs (AVPs). One AVP is expanded, showing its details:

- AVP: t=User-Name(1) l=15 val=cswangwu01@3a
- Type: 1
- Length: 15
- User-Name: cswangwu01@3a

The value "cswangwu01@3a" is highlighted with a red box.

### 解决方法

后续再radius配置下，认证字段不携带domain-ID解决

user-name-format without-domain

