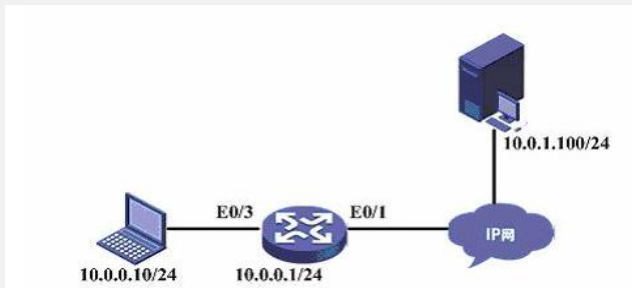


MSR系列路由器

PPPOE用户无法按流量计费问题

一、组网：

MSR作为PPPOE SERVER，与 CAMS相连，进行PPPOE认证计费



二、问题描述：

MSR作为PPPOE server，PPPOE用户可以认证上网正常，可以按照时间计费，但是发现无法按照流量计费。检查RADIUS报文，发现用户下线后MSR向CAMS发送计费报文，未发现任何流量信息。

*Apr 29 20:50:45:94 2008 H3C RDS/7/DEBUG:

```

[42 Acct-Input-Octets      ] [6 ] [0]
[47 Acct-Input-Packets    ] [6 ] [0]
[43 Acct-Output-Octets    ] [6 ] [0]
[48 Acct-Output-Packets   ] [6 ] [0]
[52 Acct_Input_Gigawords  ] [6 ] [0]
[53 Acct_Output_Gigawords ] [6 ] [0]
  
```

MSR的配置应该是正确的，计费已经设置。

<H3C>dis domain system

```

Domain = system
State = Active
Access-limit = Disable
Accounting method = Required
Default authentication scheme : radius=test
Default authorization scheme : none
Default accounting scheme    : radius=test
ip-pool 1 = 10.0.0.1
Domain User Template:
Idle-cut = Disable
Self-service = Disable
  
```

三、过程分析：

MSR做为PPPOE SERVER,做PPP计费的时候需要使用，**ppp account-statistics enable**命令用来使能PPP计费统计功能。修改配置如下问题解决可以统计PPP流量

```

interface Virtual-Template1
ppp authentication-mode pap
ppp account-statistics enable
ip address 10.0.0.1 255.255.255.0
remote address pool 1
  
```

验证结果：

*Apr 30 16:33:01:879 2008 H3C RDS/7/DEBUG:

```

[42 Acct-Input-Octets      ] [6 ] [4969]
[47 Acct-Input-Packets    ] [6 ] [57]
[43 Acct-Output-Octets    ] [6 ] [1500]
[48 Acct-Output-Packets   ] [6 ] [19]
[52 Acct_Input_Gigawords  ] [6 ] [0]
[53 Acct_Output_Gigawords ] [6 ] [0]
  
```

*Apr 30 16:33:01:879 2008 H3C RDS/7/DEBUG:

```

[49 Terminate-Cause      ] [6 ] [1]
  
```

