

知 S6900交换机对接思科ACS做设备管理用户的TACACS认证不成功

Tacacs Radius SSH [zhiliao_Lyfcmg](#) 2021-08-05 发表

组网及说明

PC-----S6900---ACS

问题描述

客户S6900交换机对接ACS做设备管理用户认证，配置之后发现终端登录输入账户密码之后没有任何反应，无法进入配置界面。

过程分析

查看客户设备的配置,

```
# hwtacacs scheme acs
primary authentication 10.46.249.35
primary authorization 10.46.249.35
key authentication cipher $c$3$cqZlhf3f9NiOLJjv0OPHDU2zu/IUVmYJXAH43xVA==
key authorization cipher $c$3$UNQ9cl0uSfQFpJc3zSa4sPLBEuzwGv+wa4WQYpe5ew==
user-name-format without-domain
nas-ip 10.47.139.195
#
domain idc
authentication login hwtacacs-scheme acs local
authorization login hwtacacs-scheme acs local
```

```
# line vty 0 15
authentication-mode scheme
user-role network-admin
protocol inbound ssh
idle-timeout 1800 0
# line vty 16 63 a
authentication-mode scheme
user-role network-admin
protocol inbound ssh
```

查看配置没有发现明显问题, 但是客户本地配置了一个账户, 测试本地登录是可以的, 收集debug调试查看, 发现认证已经通过, 之后也显示登录成功的日志, 但是立马就弹登录失败的日志。

```
*Aug 2 10:46:07:672 2021 4F-G10-G11-TOR-IRF TACACS/7/EVENT: PAM_TACACS: TACACS authorization succeeded.
```

```
%Aug 2 10:46:07:673 2021 4F-G10-G11-TOR-IRF SSSH/6/SSHS_LOG: Accepted password for xqa from 10.46.253.20 port 57877.
```

```
%Aug 2 10:46:08:776 2021 4F-G10-G11-TOR-IRF SSSH/6/SSHS_CONNECT: SSH user xqa (IP: 10.46.253.20) connected to the server successfully.
```

```
%Aug 2 10:46:09:145 2021 4F-G10-G11-TOR-IRF LOGIN/5/LOGIN_FAILED: xqa failed to login from 10.46.253.20.
```

```
%Aug 2 10:46:12:238 2021 4F-G10-G11-TOR-IRF SSSH/6/SSHS_DISCONNECT: SSH user xqa (IP: 10.46.253.20) disconnected from the server.
```

怀疑和计费有关, 告知客户在domain下添加

```
accounting login none
```

之后可以正产正常登陆。

解决方法

添加accounting login none可以正常认证进入配置界面。设备侧如果domain下不配置计费的话，会走本地计费，本地没有用户的时候就会导致计费失败，accounting login none就是本地计费的开关，配置之后就不走本地计费了。

