

知 某局点 S7506X ssh登陆失败

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组网及说明

不涉及

问题描述

配置了ssh sever acl 2000, acl 2000里面允许具体的IP或者直接允许所有ssh都会登录失败, 如果acl的规则是空的则可以ssh成功。

过程分析

查看ssh部分配置是没问题的

```
#  
ssh server enable  
ssh server acl 2000  
  
#  
line vty 0 4  
authentication-mode scheme  
user-role level-15  
user-role network-operator  
protocol inbound ssh  
  
#  
local-user user1 class manage  
password hash  
$h$6$XCde1wGLLzpkniQR$LIpnYeJaa9VkJNMEAItOBkLQuzIMQ7jTT89hnoWua82pVZj2scF013gD8  
TVqlvZER859xOvg2NmY6f3y//7pYA==  
service-type ssh  
authorization-attribute user-role level-15  
authorization-attribute user-role network-admin  
authorization-attribute user-role network-operator  
  
#  
local-user user2 class manage  
password hash $h$6$HymIGTWmUgZ+fx6a$xPc/RlAe4SPRQDZupw2egE9t5wtb8N/SQVli2yWOqM  
1QdMoZC2s208NBCCcHuW/OI09StwnaZfiCtuk9S6G0y/w==  
service-type ssh  
authorization-attribute user-role level-15  
authorization-attribute user-role network-admin  
authorization-attribute user-role network-operator  
  
#  
acl number 2000  
rule 0 permit source 10.40.71.0 0.0.0.255  
rule 5 permit source 172.16.1.0 0.0.0.255  
rule 10 permit source 172.29.1.0 0.0.0.255  
rule 15 permit source 172.31.5.1 0  
rule 20 permit source 172.31.0.0 0.0.0.255  
rule 25 permit source 10.40.79.0 0.0.0.255  
rule 100 deny  
  
#  
ip route-static 10.0.0.0 8 172.31.X.X  
ip route-static 10.40.70.0 23 172.31.X.X  
ip route-static 10.40.72.0 21 172.31.X.X  
ip route-static 172.16.0.0 12 172.31.X.X  
ip route-static vpn-instance manage 0.0.0.0 0 172.31.X.X  
但是查看所有配置发现有配置vpn实例且在管理口下应用了该vpn实例，登陆失败的原因已找到，是因为在管理口下引用了vpn实例但是在acl 2000中没有添加。  
#  
ip vpn-instance manage  
description for-network-manage  
  
#  
interface M-GigabitEthernet1/0/0/0  
ip binding vpn-instance manage  
ip address 172.31.X.X 255.255.255.0
```

解决方法

```
在acl 2000的rule中补充vpn-instance manage  
acl number 2000  
rule 0 permit source 10.40.71.0 0.0.0.255 vpn-instance manage  
rule 5 permit source 172.16.1.0 0.0.0.255 vpn-instance manage  
rule 10 permit source 172.29.1.0 0.0.0.255 vpn-instance manage  
rule 15 permit source 172.31.5.1 0 vpn-instance manage  
rule 20 permit source 172.31.0.0 0.0.0.255 vpn-instance manage  
rule 25 permit source 10.40.79.0 0.0.0.255 vpn-instance manage
```

