

知 某局点 S12504G-AF 7624P12版本 第三方网管平台snmp无法读取设备信息

SNMP 许家豪 2022-06-01 发表

组网及说明

型号: S12504G-AF

版本: 7624P12

组网: 不涉及

#### 问题描述

问题描述: 现场方案组网, 控制器能正常使用SNMP读取到信息, 第三方的网管平台无法读取到信息

## 过程分析

问题分析:

开启debug发现有如下报错

```
*May 24 16:41:29:785 2022 HFUAT12504-KF1-BL1 SNMP/7/PACKET_SRC: -MDC=1;
```

```
Packet received from 182.251.50.14 via UDP
```

```
*May 24 16:41:29:785 2022 HFUAT12504-KF1-BL1 SNMP/7/PACKET: -MDC=1;
```

```
Get request
```

```
Request ID: 520690368
```

```
Error status: 0
```

```
Error index: 0
```

```
*May 24 16:41:29:785 2022 HFUAT12504-KF1-BL1 SNMP/7/VBLIST: -MDC=1;
```

```
sysUpTime:0:
```

```
*May 24 16:41:29:786 2022 HFUAT12504-KF1-BL1 SNMP/7/STACK_ERROR: -MDC=1;
```

```
Failed to check community bocom2000's acl 2050
```

|  |   |
|--|---|
| Failed to check community <i>community</i> 's acl<br><i>acl-number</i> | 检查团体名ACL (Access Control List, 访问控制列表) 失败 <ul style="list-style-type: none"><li><i>community</i>: 团体名</li><li><i>acl-number</i>: 访问控制列表编号</li></ul> |
|--|---|

该报错为设备检查团体名时失败。

查看配置发现，第三方网管平台是通过设备的管理口接入，接口下绑定的VPN，而ACL中未绑定VPN

```
interface M-GigabitEthernet0/0/0
```

```
ip binding vpn-instance mgmt
```

```
ip address 182.214.230.11 255.255.255.0
```

```
undo lldp enable
```

```
dhcp client identifier hex 02a069d9421800
```

```
snmp-agent
```

```
snmp-agent local-engineid 800063A280A069D942180100000001
```

```
snmp-agent community read bocom2000 acl 2050
```

```
acl number 2050
```

```
rule 0 permit source 182.227.18.0 0.0.0.255
```

```
rule 5 permit source 182.251.50.0 0.0.0.255
```

```
rule 10000 deny
```

## 解决方法

解决方法:

ACL中添加对应的VPN即可

```
acl number 2050
```

```
rule 0 permit source 182.227.18.0 0.0.0.255 ===》修改为rule 0 permit vpn-instance mgmt source 1  
82.227.18.0 0.0.0.255
```

```
rule 5 permit source 182.251.50.0 0.0.0.255 ===》修改为rule 0 permit vpn-instance mgmt source 1  
82.251.50.0 0.0.0.255
```

```
rule 10000 deny
```

