

问题描述

智动运维平台测试失败且从安装采集器的操作系统上通过ssh登录设备也失败

1.设备的SSH秘钥长度过短,提示如下图:

```
[root@probe ~]# ssh ahrcudw@113.113.252.4
The authenticity of host '113.113.252.4 (113.113.252.4)' can't be established.
RSA key fingerprint is SHA256:ff80w+e6TcC9fquj10+1/zddhz5Tg3gw1wGmVXRQA.
RSA key fingerprint is MD5:74:11:24:99:37:81:b3:5f:b6:6d:75:f0:9d:a4:e2:b8.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '113.113.252.4' (RSA) to the list of known hosts.
ssh_dispatch_run_fatal: connection to 113.113.252.4 port 22: invalid argument
[root@probe ~]#
```

2.设备的SSH秘钥发生了变化提示如下图:

```
[yyuser@desktop-gw ~]$ ssh admin@10.254.251.49
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@          WARNING: REMOTE HOST IDENTIFICATION HAS CHANGED!          @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
IT IS POSSIBLE THAT SOMEONE IS DOING SOMETHING NASTY!
Someone could be eavesdropping on you right now (man-in-the-middle attack)!
It is also possible that a host key has just been changed.
The fingerprint for the RSA key sent by the remote host is
e8:1a:dd:8d:49:20:c5:ef:b0:c4:da:b2:85:19:20:7d.
Please contact your system administrator.
Add correct host key in /home/yyuser/.ssh/known_hosts to get rid of this message.
Offending RSA key in /home/yyuser/.ssh/known_hosts:2
RSA host key for 10.254.251.49 has changed and you have requested strict checking.
Host key verification failed.
```

3.SSH版本为SSH1。而智动运维平台默认安装的为openssh8.0不支持SSH1

SSH登录设备提示“Invalid key length”。登录设备输入命令“ssh -V”查看设备ssh版本为SSH1.*

4.网络问题如下图

```
Host key verification failed.
[root@INTER .ssh]# ssh root@172.16.88.88
ssh: connect to host 172.16.88.88 port 22: No route to host
```

解决方法

- 1.修改设备SSH秘钥长度使之大于2048
- 2.删除已保存的秘钥文件rm /root/.ssh/known_hosts (其中root需要换为实际的用户名)
- 3.将设备的ssh版本切换到SSH2或者拨打售后热线获取降低ssh版本的补丁包
- 4.请检查防火墙、ACL或其他网络配置保证网络连接正常