

排除SSH主机密钥验证故障

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简介

本文档介绍解决SSH主机密钥验证失败问题的过程。

背景

当用户在升级DNACenter映像后尝试通过SSH连接到DNACenter的网关时，会发生此错误。到目前为止，此问题只出现在macOS用户中。

描述

将DNACenter升级到新映像后，本地用户的SSH密钥注册表文件会保留用于连接到以前的DNACenter的梯形内部版本的SSH密钥。这是错误：

```
MPAVLOVI-M-902T:~ mpavlovi$ ssh grapevine@172.16.21.86 -p 2222
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@    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 ECDSA key sent by the remote host is
SHA256:+dnn+NRIXTDMmgpUNbeqjdDQscabBBWmC35F01ZFnLs.
Please contact your system administrator.
Add correct host key in /Users/mpavlovi/.ssh/known_hosts to get rid of this message.
Offending ECDSA key in /Users/mpavlovi/.ssh/known_hosts:16
ECDSA host key for [172.16.21.86]:2222 has changed and you have requested strict checking.
Host key verification failed.
MPAVLOVI-M-902T:~ mpavlovi$
```

解决方案

要解决此问题，需要从本地目录~/ssh/处的注册表文件known_host中删除以前的格雷夫因SSH密钥

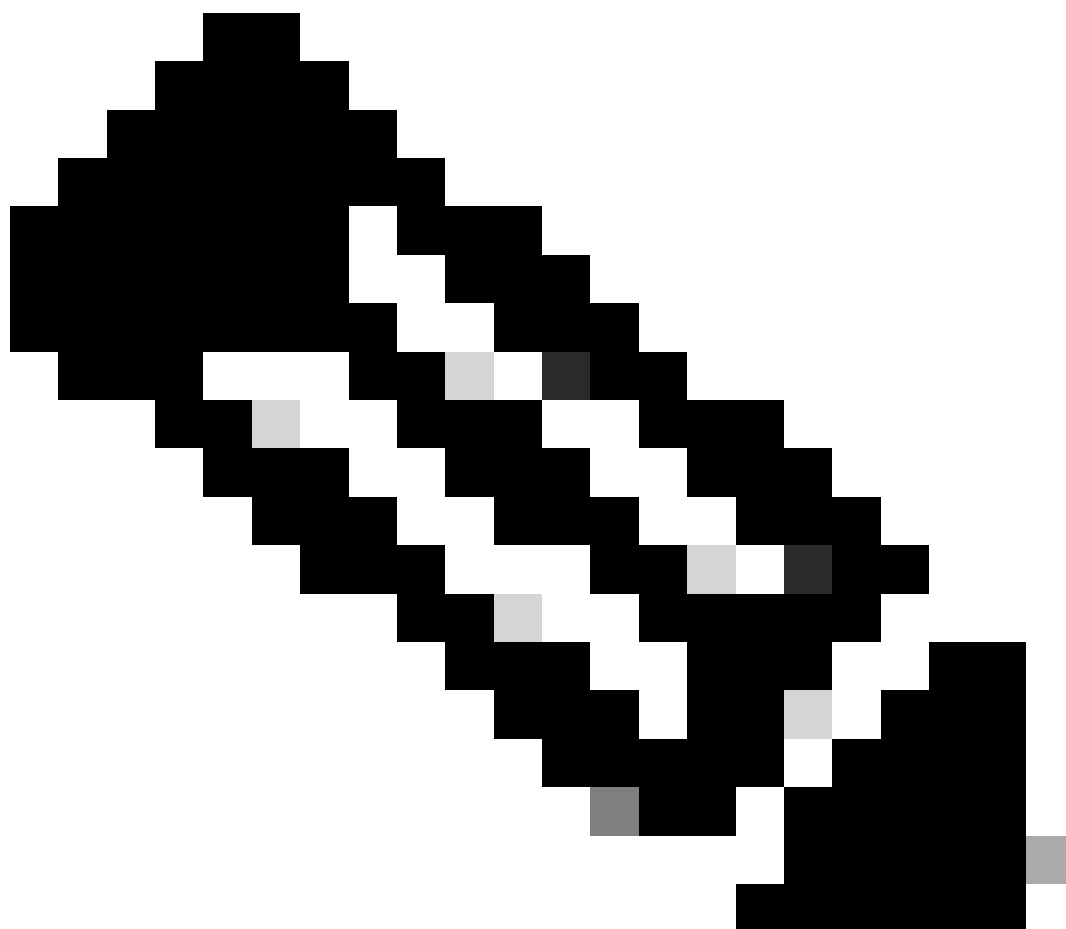
。

要删除之前的SSH密钥，请转到终端并使用您选择的文本编辑器打开文件：

MPAVLOVI-M-902T:~ mpavlovi\$ vim ~/.ssh/known_hosts

继续删除其中包含DNACenter IP地址的行

```
[10.197.218.12]:2222 ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBKkToWAUhe  
[172.16.21.86]:2222 ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBKz4ObQLQE7
```



注意：修改其他密钥可能会影响您对其他设备/站点的SSH访问。仅删除必要的SSH密钥。

```
[10.197.218.12]:2222 ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBKkToWAUhe
```

将更改保存在文本编辑器中，并重试通过SSH连接到DNACenter grapevine。出现提示时，键入单词“yes”。

```
MPAVLOVI-M-902T:~ mpavlovi$ ssh grapevine@172.16.21.86 -p 2222
The authenticity of host '[172.16.21.86]:2222 ([172.16.21.86]:2222)' can't be established.
ECDSA key fingerprint is SHA256:+dnn+NRIXTDMmgpUNbeqjdjDQscabBBWmC35F01ZFnlS.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '[172.16.21.86]:2222' (ECDSA) to the list of known hosts.
```

使用grapevine凭据密码。

```
grapevine@172.16.21.86's password:
```

```
Welcome to the Cisco APIC-EM Appliance - Powered by Grapevine
```

```
System information as of Wed Jul 19 22:20:17 UTC 2017
```

```
System load: 1.02           Users logged in:          1
Usage of /:  11.7% of 365.80GB  IP address for eth0:     12.99.1.2
Memory usage: 41%           IP address for eth1:     172.16.21.86
Swap usage:  0%             IP address for grape-br0: 169.254.0.1
Processes:   695
```

```
APIC-EM Version: 2.0.0.3757
```

```
Grapevine Version: 2.0.0.3757.dev1065-ge50d0c2
```

```
Last login: Wed Jul 19 21:45:22 2017 from 10.41.49.41
```

```
(grapevine)
```

```
[Wed Jul 19 22:20:18 UTC] grapevine@12.99.1.2 (grapevine-root-1) ~
```

```
$
```

关于此翻译

思科采用人工翻译与机器翻译相结合的方式将此文档翻译成不同语言，希望全球的用户都能通过各自的语言得到支持性的内容。

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