

排除SSH主機金鑰驗證失敗故障

目錄

簡介

本文檔介紹修復SSH主機金鑰驗證失敗問題的過程。

背景

在升級DNACenter映像後，當使用者嘗試透過SSH連線到DNACenter的網關時，會發生此錯誤。到目前為止，此問題只出現在macOS使用者中。

說明

將DNACenter升級到新映像後，本地使用者的SSH金鑰登錄檔檔案維護用於連線到先前DNACenter的梯形內部版本的SSH金鑰。錯誤如下：

```
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+NRIXTDMmgrpUNbeqjdQscabBBWmC35F01ZFnlS.
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$
```

解決方案

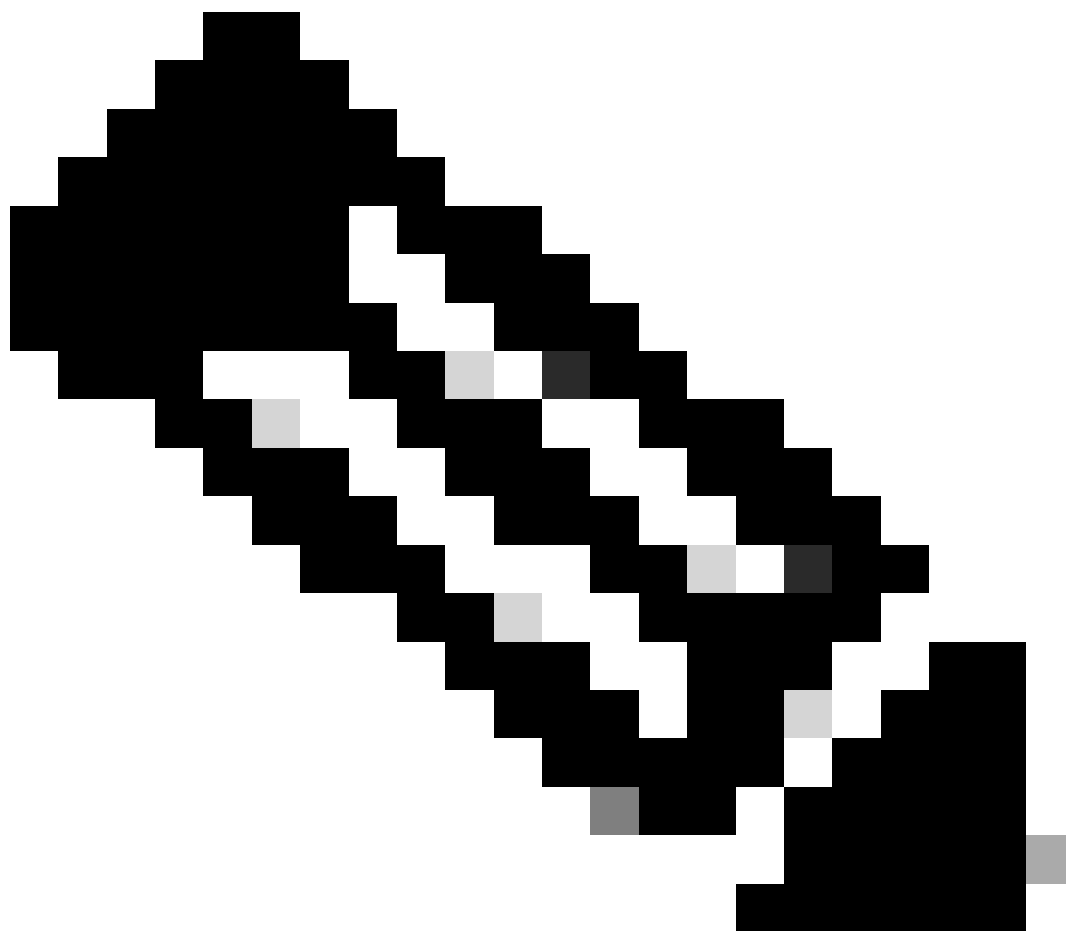
要解決此問題，需要從本地目錄~/ssh/處的登錄檔檔案known_host中刪除之前的梯形SSH金鑰。

要刪除以前的SSH金鑰，請轉到terminal並使用您選擇的文本編輯器打開檔案：

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

繼續刪除其中包含DNAC輸入IP地址的行

```
[10.197.218.12]:2222 ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBKkTowAUhe  
[172.16.21.86]:2222 ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBKz40bQLQE7
```



注意：修改其他金鑰可能會影響您對其他裝置/站點的SSH訪問。僅刪除所需的SSH金鑰。

```
[10.197.218.12]:2222 ecdsa-sha2-nistp256 AAAAE2VjZHNhLXNoYTItbmlzdHAyNTYAAAAIbmlzdHAyNTYAAABBBKkTowAUhe
```

在文本編輯器中儲存更改，並重試到SSH到DNACenter grapevine。提示時輸入「yes」字樣。

```
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+NRIXTDMmmpUNbeqjdQscabBBWmC35F01ZFnlS.
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.
```

使用葛雷普韋認證密碼。

```
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) ~
```

```
$
```

關於此翻譯

思科已使用電腦和人工技術翻譯本文件，讓全世界的使用者能夠以自己的語言理解支援內容。請注意，即使是最佳機器翻譯，也不如專業譯者翻譯的內容準確。Cisco Systems, Inc. 對這些翻譯的準確度概不負責，並建議一律查看原始英文文件（提供連結）。