

如何使用Windows PowerShell在Windows上安裝Telnet服務

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簡介

本文檔介紹使用單個命令提示符在Windows伺服器/客戶端電腦上安裝telnet服務的步驟，而不是在GUI中安裝該命令

必要條件

需求

思科建議您瞭解以下主題：

- Windows 7/8、Server 2012

採用元件

本檔案中的資訊是根據以下軟體版本：

- CloudCenter:4.8.x
- Windows Server 2012
- Windows 7
- Windows 8
- PowerShell

本文中的資訊是根據特定私人實驗室環境內的裝置所建立。文中使用到的所有裝置皆從已清除（預設）的組態來啟動。如果您的網路運作中，請確保您瞭解任何指令可能造成的影響。

問題

當安裝cliqr-tools時，Telnet客戶端不會自動安裝在CloudCenter windows worker虛擬機器中，因此，使用telnet客戶端時，Telnet會失敗。

```
Administrator: Windows PowerShell (3)
Windows PowerShell
Copyright (C) 2014 Microsoft Corporation. All rights reserved.

PS C:\Users\Administrator> telnet 8.8.8.8 53
telnet : The term 'telnet' is not recognized as the name of a cmdlet, function, script file, or operable program.
Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ telnet 8.8.8.8 53
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (telnet:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\Administrator> _
```

解決方案

要手動安裝telnet客戶端，您需要執行以下步驟。

步驟1.開啟命令提示符視窗。按一下**開始**，在「開始搜尋」框中鍵入PowerShell，然後按ENTER。

步驟2.從PowerShell運行install-windowsfeature"telnet-client"，如下圖所示。

```
Administrator: Windows PowerShell (3)
Windows PowerShell
Copyright (C) 2014 Microsoft Corporation. All rights reserved.

Start Installation...
86%
[ooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooo ]
+ telnet 8.8.8.8 53
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (telnet:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Users\Administrator> install-windowsfeature "telnet-client"
```

```
PS C:\Users\Administrator> install-windowsfeature "telnet-client"
Success Restart Needed Exit Code      Feature Result
-----
True     No           Success      {Telnet Client}
WARNING: Windows automatic updating is not enabled. To ensure that your newly-installed role or feature is
automatically updated, turn on Windows Update.

PS C:\Users\Administrator> _
```

步驟3.成功安裝TelnetClient。

驗證

步驟1.運行telnet IP_address Port_number，如下圖所示。



Welcome to Microsoft Telnet Client

Escape Character is 'CTRL+']'

Microsoft Telnet> ?

Commands may be abbreviated. Supported commands are:

c	- close	close current connection
d	- display	display operating parameters
o	- open hostname [port]	connect to hostname (default port 23).
q	- quit	exit telnet
set	- set	set options (type 'set ?' for a list)
sen	- send	send strings to server
st	- status	print status information
u	- unset	unset options (type 'unset ?' for a list)
?/h	- help	print help information

Microsoft Telnet> status

Connected to 172.31.113.161

Microsoft Telnet> _