

Install Windows Terminal without the Store (on Windows Server)

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[Wolfgang Sommergut](#) [Thu, Jul 7 2022](#) [commands](#), [powershell](#) 13

Microsoft has made its new terminal for multiple shells and command line programs available as a Store app. However, if you want to install the package with PowerShell because, for example, there is no Store app on Windows Server or Windows 10 LTSC, you'll get an error message due to a missing library.

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Windows Terminal is supposed to replace the old environment for CLIs like cmd.exe or PowerShell. It offers, among other things, support for tabs, numerous options for configuring its appearance, or assigning keyboard shortcuts.

While the new terminal is already on board of Windows 11, you have to install it in Windows 10 or on the server. On a client, the preferred method is to download it from the Microsoft Store. However, the method described here also works on these Windows versions.

Download MSIX

If the Store app is not available on the system, the only option is to download the package from GitHub and install it using PowerShell. This does not require elevated privileges because the MSIX package is set up separately for each user.

There are always multiple versions of Windows Terminal available on GitHub. As a rule, you will opt for *Latest*, i.e., the current GA release. There, you select the file

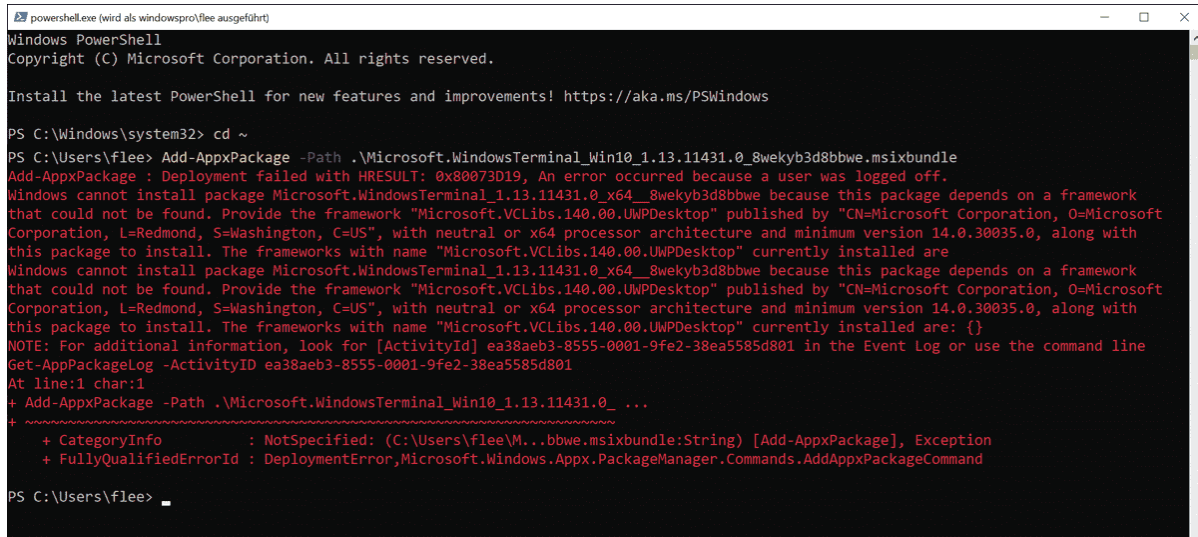
Microsoft.WindowsTerminal Win10 <Version> 8wekyb3d8bbwe.msixbundle.



The packages with "PreinstallKit.zip" in their names are intended for offline integration into a Windows image.

Adding VCLibs

Before you start the installation, you have to create one more prerequisite; otherwise, you will receive error message 0x80073D19.

A screenshot of a PowerShell window titled "powershell.exe (wird als windowspro/flee ausgeführt)". The window shows the command prompt at "PS C:\Users\flee>". The user enters the command "Add-AppxPackage -Path .\Microsoft.WindowsTerminal_Win10_1.13.11431.0_8wekyb3d8bbwe.msixbundle". The output shows a deployment failure with HRESULT: 0x80073D19. The error message states: "An error occurred because a user was logged off. Windows cannot install package Microsoft.WindowsTerminal_1.13.11431.0_x64_8wekyb3d8bbwe because this package depends on a framework that could not be found. Provide the framework 'Microsoft.VCLibs.140.00.UWPDesktop' published by 'CN=Microsoft Corporation, O=Microsoft Corporation, L=Redmond, S=Washington, C=US', with neutral or x64 processor architecture and minimum version 14.0.30035.0, along with this package to install. The frameworks with name 'Microsoft.VCLibs.140.00.UWPDesktop' currently installed are: {}". It also provides a note to look for a specific ActivityId in the Event Log and a command to get the package log. The prompt returns to "PS C:\Users\flee>".

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Windows\system32> cd ~
PS C:\Users\flee> Add-AppxPackage -Path .\Microsoft.WindowsTerminal_Win10_1.13.11431.0_8wekyb3d8bbwe.msixbundle
Add-AppxPackage : Deployment failed with HRESULT: 0x80073D19, An error occurred because a user was logged off.
Windows cannot install package Microsoft.WindowsTerminal_1.13.11431.0_x64_8wekyb3d8bbwe because this package depends on a framework
that could not be found. Provide the framework "Microsoft.VCLibs.140.00.UWPDesktop" published by "CN=Microsoft Corporation, O=Microsoft
Corporation, L=Redmond, S=Washington, C=US", with neutral or x64 processor architecture and minimum version 14.0.30035.0, along with
this package to install. The frameworks with name "Microsoft.VCLibs.140.00.UWPDesktop" currently installed are
Windows cannot install package Microsoft.WindowsTerminal_1.13.11431.0_x64_8wekyb3d8bbwe because this package depends on a framework
that could not be found. Provide the framework "Microsoft.VCLibs.140.00.UWPDesktop" published by "CN=Microsoft Corporation, O=Microsoft
Corporation, L=Redmond, S=Washington, C=US", with neutral or x64 processor architecture and minimum version 14.0.30035.0, along with
this package to install. The frameworks with name "Microsoft.VCLibs.140.00.UWPDesktop" currently installed are: {}
NOTE: For additional information, look for [ActivityId] ea38aeb3-8555-0001-9fe2-38ea5585d801 in the Event Log or use the command line
Get-AppPackageLog -ActivityID ea38aeb3-8555-0001-9fe2-38ea5585d801
At line:1 char:1
+ Add-AppxPackage -Path .\Microsoft.WindowsTerminal_Win10_1.13.11431.0_...
+ ~~~~~
+ CategoryInfo          : NotSpecified: (C:\Users\flee\...\msixbundle:String) [Add-AppxPackage], Exception
+ FullyQualifiedErrorId : DeploymentError,Microsoft.Windows.Appx.PackageManager.Commands.AddAppxPackageCommand

PS C:\Users\flee>
```

Windows Terminal installation fails if VCLibs is not present

The reason for this is the missing library VCLibs. This can be downloaded for the respective processor architecture from [this page](#).

Then, run this PowerShell command:

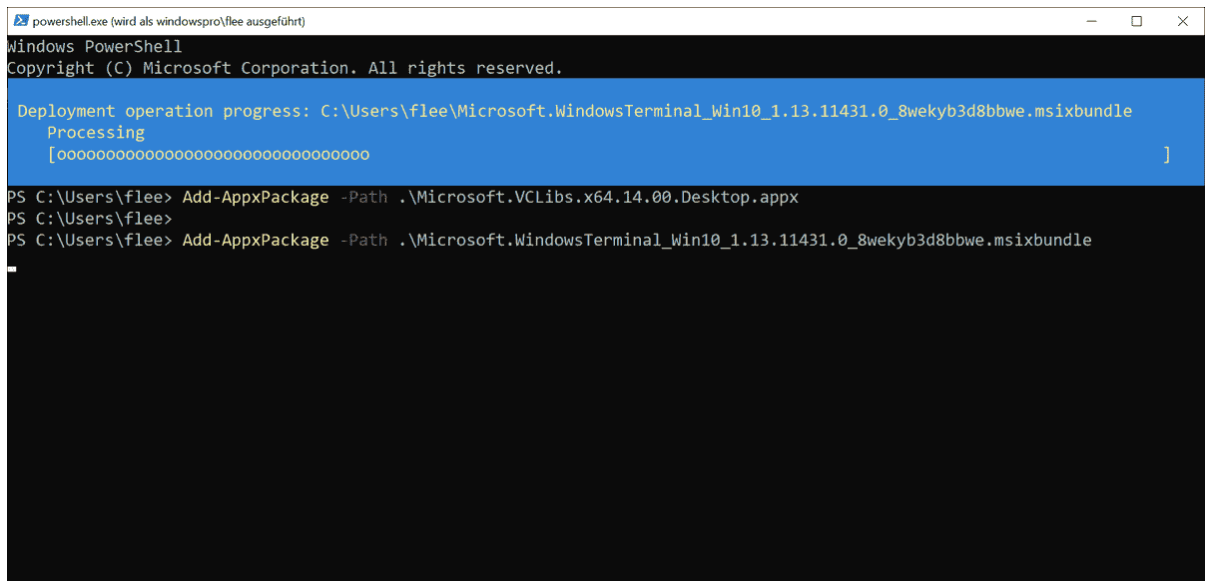
```
Add-AppxPackage -Path .\Microsoft.VCLibs.x64.14.00.Desktop.appx
```

If you want to install Windows Terminal on Server Core, you will fail at this point. Even if the server OS is managed mostly remotely, a modern terminal would be particularly useful in a pure command line environment.

Installing Windows Terminal

Now, you can proceed to the actual installation of the terminal. The *Add-AppxPackage* cmdlet is also used for this purpose:

```
Add-AppxPackage -Path
.\Microsoft.WindowsTerminal_Win10_<Version>_8wekyb3d8bbwe.msixbundle
```



```
powershell.exe (wird als windowspro\fllee ausgeführt)
Windows PowerShell
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Deployment operation progress: C:\Users\fllee\Microsoft.WindowsTerminal_Win10_1.13.11431.0_8wekyb3d8bbwe.msixbundle
Processing
[oooooooooooooooooooooooooooooooooooo]

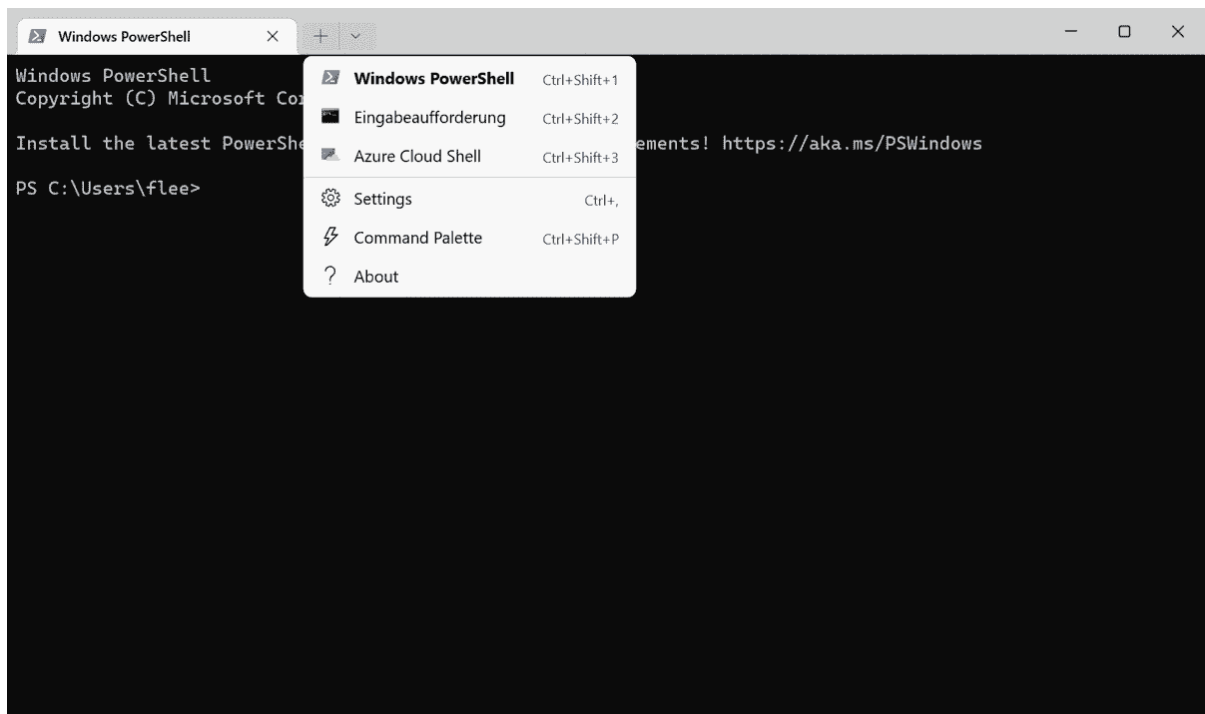
PS C:\Users\fllee> Add-AppxPackage -Path .\Microsoft.VCLibs.x64.14.00.Desktop.appx
PS C:\Users\fllee>
PS C:\Users\fllee> Add-AppxPackage -Path .\Microsoft.WindowsTerminal_Win10_1.13.11431.0_8wekyb3d8bbwe.msixbundle
```

Successful installation of Windows Terminal

The process should now run without further problems, but only on version 2022. The installation on Windows Server 2019 fails showing the message:

0x80073CFD, A Prerequisite for an install could not be satisfied ... The package requires OS version 10.0.22000.0 or higher on the Windows.Mobile device family.

Once successfully installed, the terminal can be found and launched via a desktop search.



Windows Terminal on Windows Server 2022 with desktop experience Server Core is not supported

Conclusion

Since Microsoft provides Windows Terminal only as a store app, you have to install it manually if your systems do not have access to the store. This can be done via PowerShell, but you must set up the VCLibs library first.

However, this is not possible on Windows Server Core. Therefore, Windows Terminal is not available on this system, which is limited to the command line and might benefit the most from a modern CLI. Apparently, there are no plans to change this state. The situation is similar for Windows Server 2019, where VCLibs can be installed, but the terminal is not supported.