Powershell 3 Lab Chapter 5

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1. **In the registry, go to HKEY\_CURRENT\_USER\software\microsoft\Windows\currentversion\explorer. Locate the Advanced key, and set its DontPrettyPath property to 1.**

PS> Set-Location -Path HKCU:\software\microsoft\Windows\currentversion\explorer

PS HKCU:\software\microsoft\Windows\currentversion\explorer> Get-ItemProperty -Path Advanced -Name DontPrettyPrint

DontPrettyPrint : 1

PSPath : Microsoft.PowerShell.Core\Registry::HKEY\_CURRENT\_USER\software\microsoft\Windows\currentversion\explorer\Advanced

PSParentPath : Microsoft.PowerShell.Core\Registry::HKEY\_CURRENT\_USER\software\microsoft\Windows\currentversion\explorer

PSChildName : Advanced

PSDrive : HKCU

PSProvider : Microsoft.PowerShell.Core\RegistryPS PS

HKCU:\software\microsoft\Windows\currentversion\explorer> set-itemProperty -Path Advanced -Name DontPrettyPrint -Value 0

HKCU:\software\microsoft\Windows\currentversion\explorer> get-itemProperty -Path Advanced -Name DontPrettyPrint

DontPrettyPrint : 0

PSPath : Microsoft.PowerShell.Core\Registry::HKEY\_CURRENT\_USER\software\microsoft\Windows\currentversion\explorer\Advanced

PSParentPath : Microsoft.PowerShell.Core\Registry::HKEY\_CURRENT\_USER\software\microsoft\Windows\currentversion\explorer

PSChildName : Advanced

PSDrive : HKCU

PSProvider : Microsoft.PowerShell.Core\Registry

1. **Create a zero-length file named C:\Test.txt (use New-Item).**

PS> New-Item -ItemType file -Path c:\Test.txt

Directory: C:\

Mode LastWriteTime Length Name

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-a---- 9/06/2016 3:43 PM 0 Test.txt

1. **Is it possible to use Set-Item to change the contents of C:\Test.txt to TESTING? Or do you get an error? If you get an error, why?**

PS > Set-Item -Path c:\Test.txt -Value TESTING

Set-Item : Provider operation stopped because the provider does not support this operation.

The Set-Item commandlet cannot be used to change the contents of a file because the FileSystem provider does not support this operation. This operation is supported by other providers, including Registry and Alias. The items in these providers have a simple “Name, Value” structure. Items in the FileSystem provider have a more complicated structure.

1. **What are the differences between the –Filter, –Include and –Exclude parameters of Get-ChildItem?**

All three parameters restrict the results of the Get-ChildItem by qualifying the –Path parameter. However, the –Filter parameter specifies a filter in the provider’s format or language, while –Include and –Exclude always use string matching and wild-cards. Additionally, –Filter accepts only one filter, while –Include and –Exclude allow any number of filters to be specified.