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Windows 10 "Enable NTFS long paths policy" option missing

Asked 7 years ago Modified 2 years, 4 months ago Viewed 282k times



For some time, Microsoft has supported an option to remove the limit of 260 symbols for NTFS file name length.

146

The web is full of articles, describing what should be done.



1. Hit the `Windows` key, type `gpedit.msc` and press `Enter`.

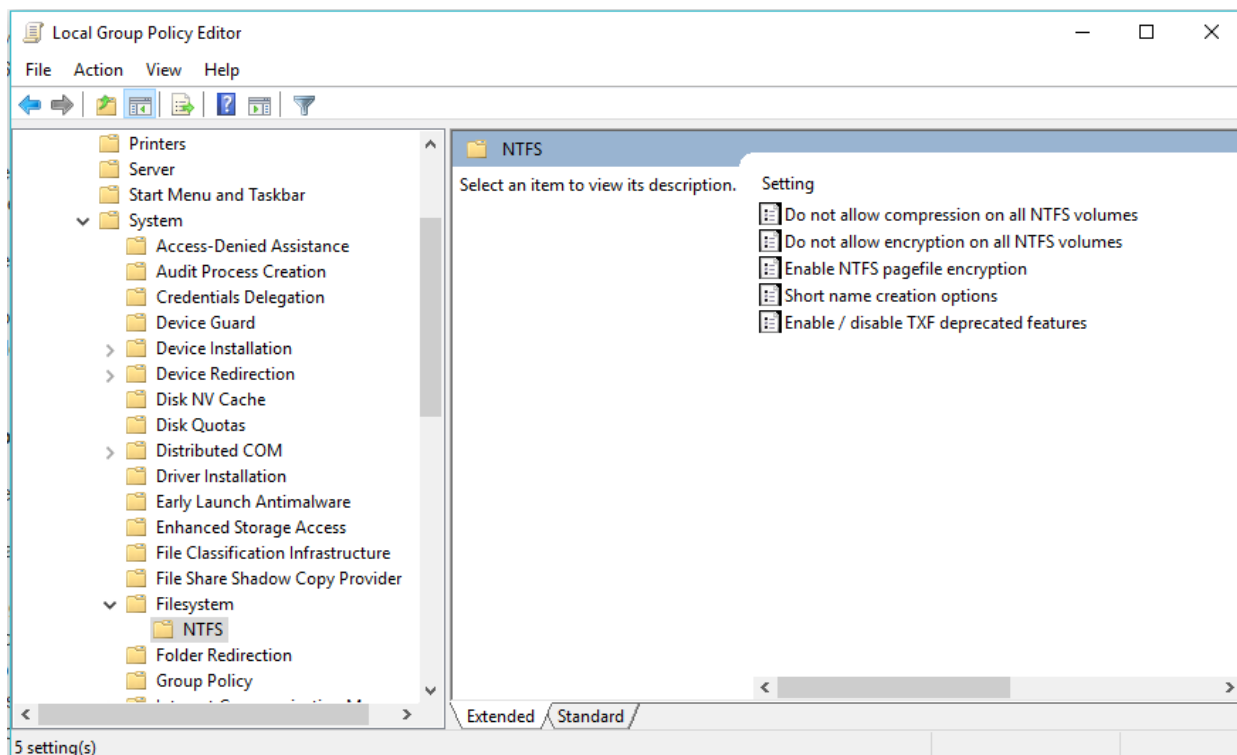


2. Navigate to `Local Computer Policy > Computer Configuration > Administrative Templates > System > Filesystem > NTFS`.



3. Double click the `Enable NTFS long paths` option and enable it.

However, I don't have such option. Please see the screenshot below:



Am I missing some Windows update, or is it something else?

[windows](#)[windows-10](#)[ntfs](#)[filenames](#)[windows-10-v1607](#)

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edited Sep 24, 2016 at 1:35



Scott - Слава Україні
21.4k 46 64 122

asked Sep 1, 2016 at 10:55



Dimitar Tsonev
1,665 3 13 9

2 Answers

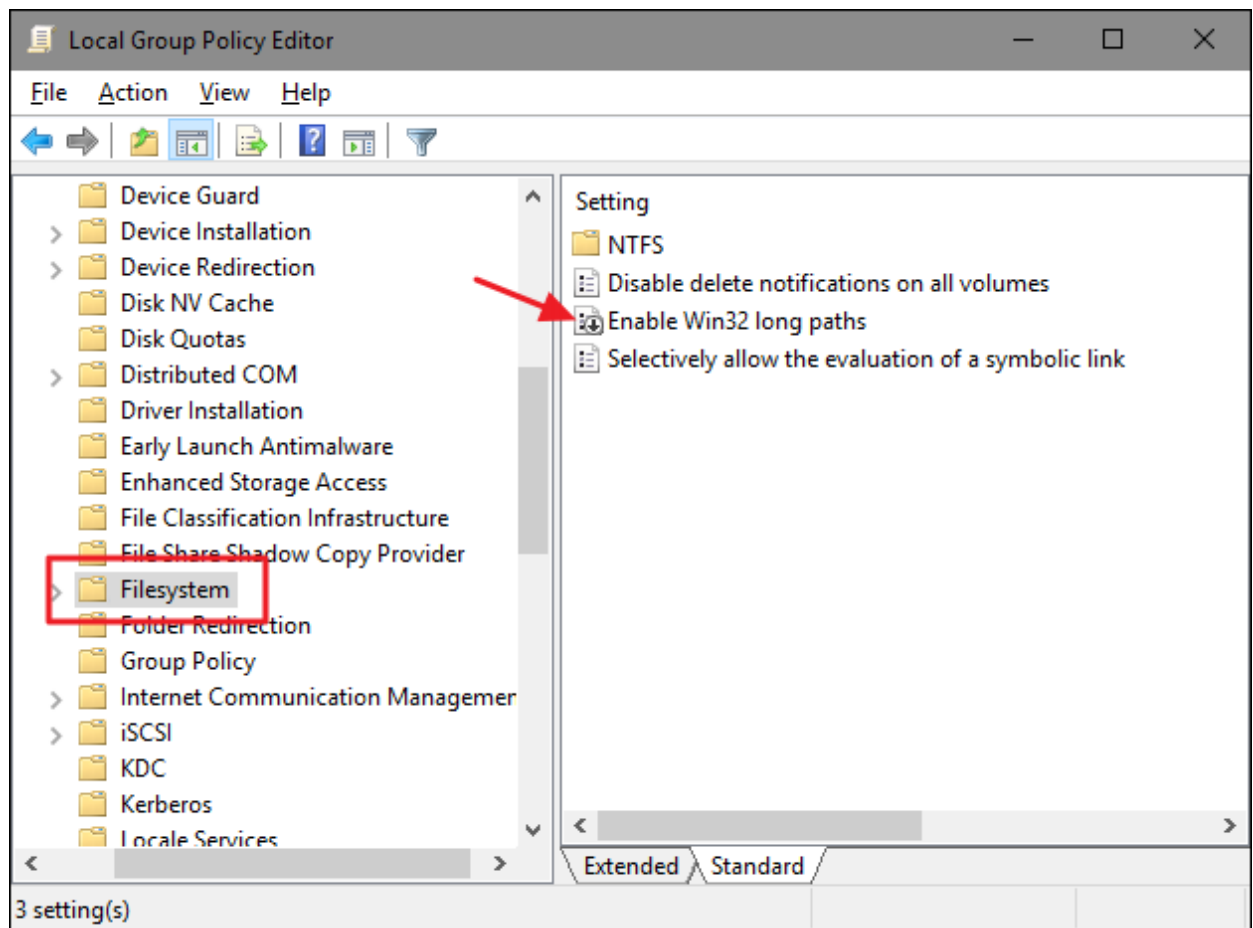
Sorted by: Highest score (default) ▾

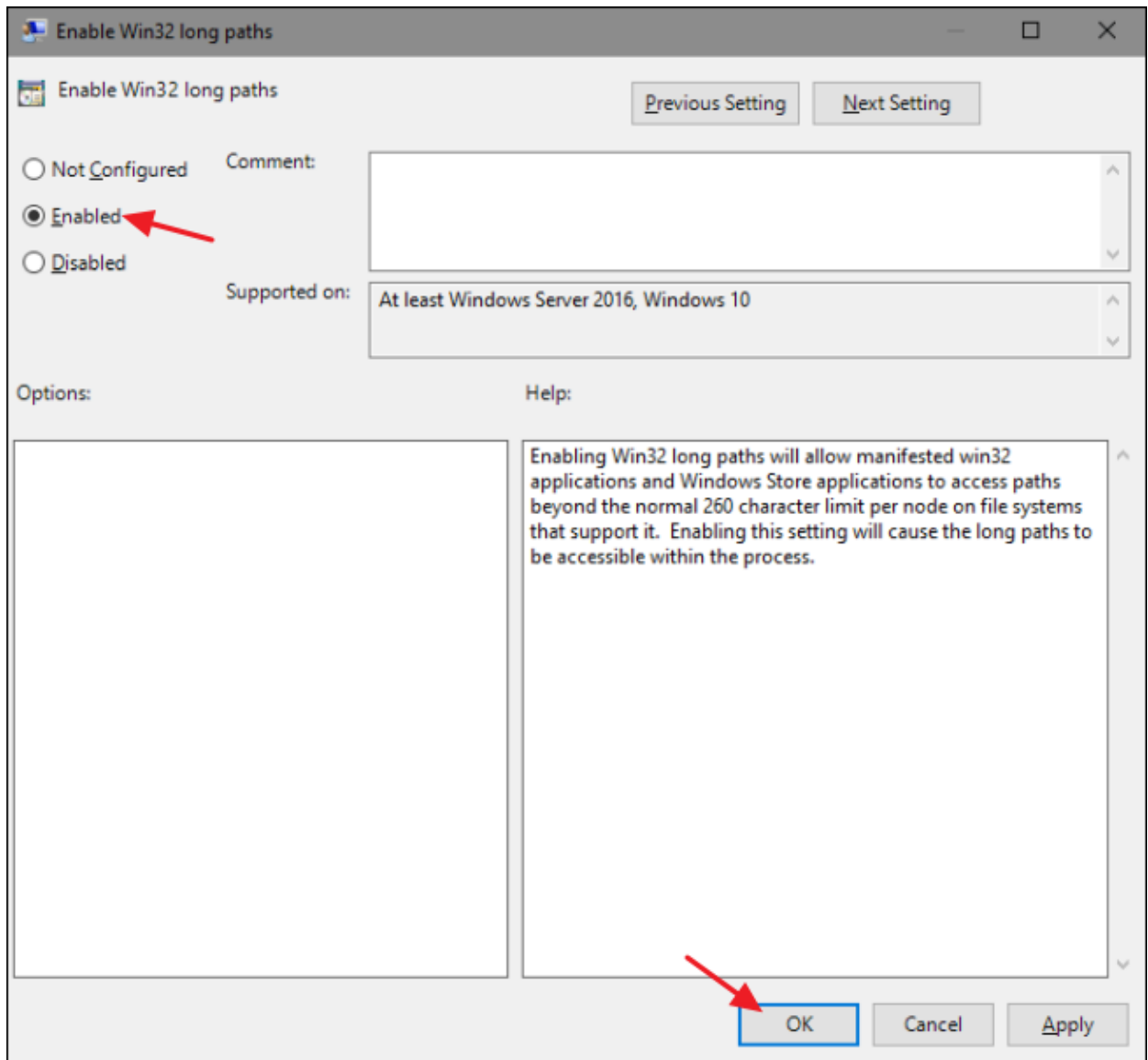


156



The value has moved from `NTFS` directly into `Local Computer Policy > Computer Configuration > Administrative Templates > System > Filesystem` in the RTM version of the Version 1607.





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answered Sep 1, 2016 at 15:37



[magicandre1981](#)

97.4k 30 180 246

- 2 This path: Local Computer Policy > Computer Configuration > Administrative Templates > System > Filesystem is missing for me. I have win 10 home premium but installed gpedit using superuser.com/questions/1018145/... – gyoza kudor Sep 8, 2016 at 14:00
- 1 @gyozokudor - You can easily add the group policy editor to [Windows 10 Home](#). – Ramhound Sep 8, 2016 at 17:01
- 6 It's worth noting that most programs (Windows Explorer included) don't yet recognize the long file paths feature yet - robocopy is one of the few built-in exceptions that will copy directory files with the new feature – Coruscate5 Feb 28, 2017 at 3:31
- 3 @Ryan this settings doesn't fix the issue. It is 1 part. The Apps must have the entry [longPathAware in its manifest](#) – magicandre1981 Nov 22, 2019 at 13:57
- 4 @Ryan configure Windows to [prefer external manifest](#), export the chrome manifest with a ResourceHacker and add the longPathAware entry to the manifest file named **chrome.exe.manifest** – magicandre1981 Nov 23, 2019 at 15:00



Modify applicable registry settings as listed in the below answers to potentially help resolve.

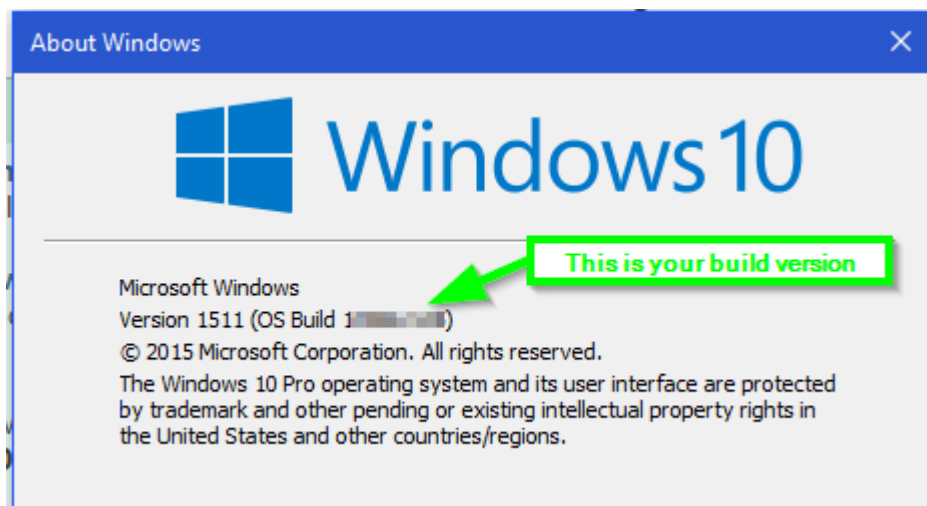
25



Know your Build Version



You can run `WINVER` to see what build your **Windows 10** is but from what I gather with a little reading, the enabling of **NTFS long paths** is available as of **Build 14352** and later, so check to see if your build release is older than that for an explanation why it's not an option from **Group Policy** otherwise.



Update - Newer Version Builds

WARNING: Before working in the Windows Registry, it is always a good idea to back it up first, so that you have the option of restoration, should something go wrong. [This article](#) shows the different ways to back up and restore the Windows Registry or its Hives.

It seems that the registry locations with some of the latest Windows 10 Anniversary updates have changed a bit to enable the Long Paths to help overcome the Windows API file paths and names that exceed a 255-260 character limit for such programs in Windows that can utilize this once enabled.

Registry Import Enabling Long Paths

Windows Registry Editor Version 5.00

```
[HKEY_LOCAL_MACHINE\SYSTEM\CurrentControlSet\Control\FileSystem]
"LongPathsEnabled"=dword:00000001
```

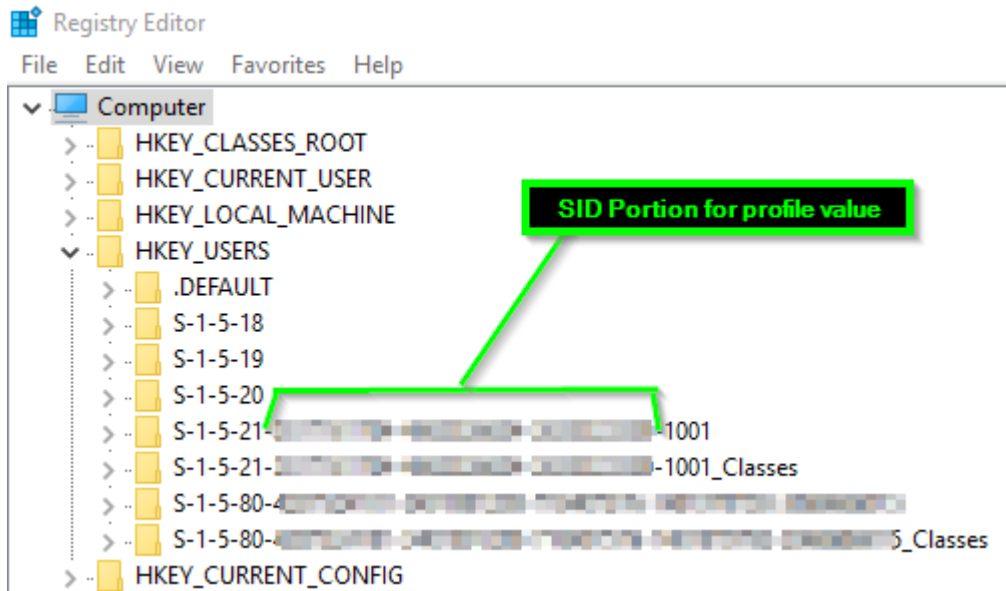
Optional Registry Value

The below registry key value changed when the option was made with the **Local Group Policy** editor to **enable** Enable Win32 long paths but the `<SID>` portions will likely be different

per account defined with a profile, etc. on the local Windows 10 machine s plug those values in accordingly per what you see when you look there with regedit.

Windows Registry Editor Version 5.00

```
[HKEY_USERS\S-1-5-21-[<SID>-<SID>-<SID>]-1001\SOFTWARE\Microsoft\Windows\CurrentVersion\Group Policy Objects\{B0D05113-7B6B-4D69-81E2-8E8836775C9C}\Machine\System\CurrentControlSet\Control\FileSystem]
"LongPathsEnabled"=dword:00000001
```



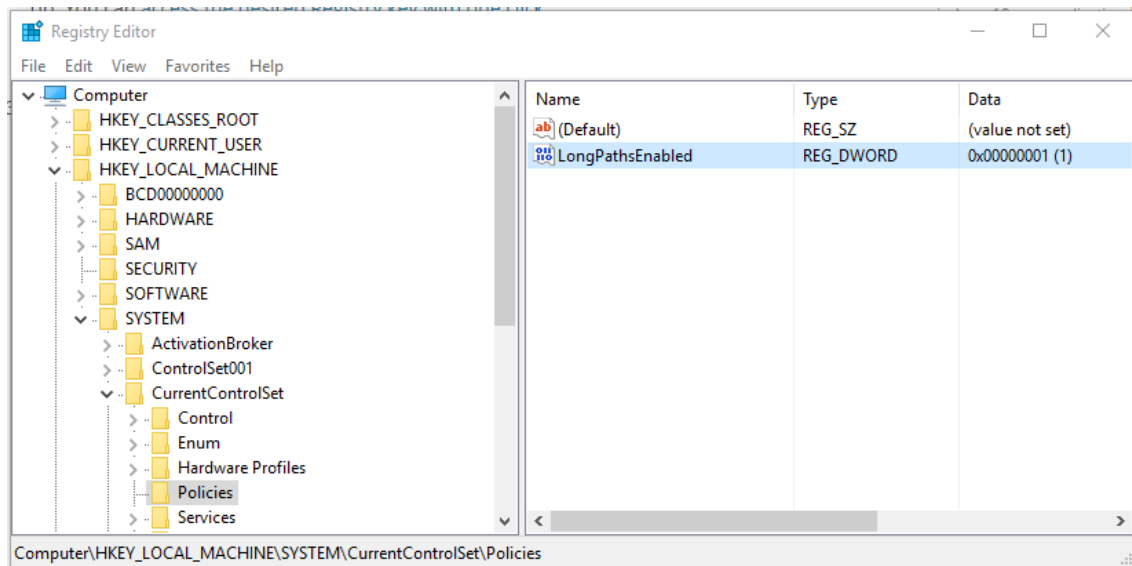
NOTE: Once you have these imported, you'll want to reboot to ensure the changes become effective just in case. It has been reported that these settings and even Group Policy settings that change these values and others do NOT always work with File Explorer or all Windows programs as those have to be coded to handle this explicitly from what I gather so this is not a 100% for sure will fix all issues but this is Microsoft's step forward moving to resolve this limitation.

Previous Version Builds

Warning: These below settings may not work for all builds of Windows 10 so you will need to backup, check, test, etc. but see the options above if you've not already.

Using the Registry instead at HKLM Level

1. Hit the Windows key, type **regedit** and press **Enter**
2. Go to the following Registry key:
`HKEY_LOCAL_MACHINE\System\CurrentControlSet\Policies`
3. On the right side, *create a new 32-bit DWORD* value named **LongPathsEnabled**.
Set its value data to **1**.



4. Restart Windows 10

[source](#)

Using the Registry instead at HKCU Level

1. Hit the Windows key, type **regedit** and press **Enter**.
2. Navigate to:
HKEY_CURRENT_USER\SOFTWARE\Microsoft\Windows\CurrentVersion\Group Policy Objects{48981759-12F2-42A6-A048-028B3973495F}
Machine\System\CurrentControlSet\Policies
3. Select the **LongPathsEnabled** key, or create it as a DWORD (32-bit) value if it does not exist.
4. Set the value to **1** and close the Registry Editor.

[source](#)

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edited May 14, 2021 at 17:24

answered Sep 1, 2016 at 14:29

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Vomit IT - Chunky Mess Style

40.2k 27 85 118

I have Version 1607 (OS Build 14393.105) and i still do not have the option there, either in the poilicy editor or in regedit. @magicandre1981 has the correct solution – [Klas Mellbourn](#) Sep 2, 2016 at 11:10

For HKCU I don't have such a folder/key. Do I need one big folder named Group Policy Objects{48981759-12F2-42A6-A048-028B3973495F} Machine or did you just forget the slashes, something like this? Group Policy Objects\{48981759-12F2-42A6-A048-028B3973495F}\Machine – [gyozo kudor](#) Sep 8, 2016 at 12:20

Winver says the following: Version: 1607 (OS Build: 14393.105) – [gyozo kudor](#) Sep 8, 2016 at 13:21

- 1 [Windows 10 ver 1607: File Explorer long_paths not working?](#) – Ramhound Sep 8, 2016 at 17:02
- 2 See the section in the answer **Registry Import Enabling Long Paths** for the registry settings that need applied for the newer versions of **Windows 10** where using the `gpedit.msc` method is not available or if you just want to use that method instead of the Group Policy. The older version registry is at the bottom of the answer with applicable detail and the newer is up top but if you read it thru, it should be clear and not overly complicated. – Vomit IT - Chunky Mess Style Jul 8, 2017 at 4:56



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