# WSL2: Virtual hard disk files must be uncompressed and unencrypted and must not be sparse

Okay, after some lucky guesses I've confirmed it and I have an addendum to the workaround (cc [**@caffme**](https://github.com/caffme) in case this works for you as well) - go to the Ubuntu directory in your profile folder (something like %USERPROFILE%\AppData\Local\Packages\CanonicalGroupLimited...), right click on "LocalState", Properties, Advanced, deselect "Compress contents" (and I suppose "Encrypt contents" as well if that's checked). When it asks whether you want to apply to just this folder or to all subfolders and files, you can say "just this folder", because all you're doing is clearing that "compress" flag. After that the wsl --set-version command should work.

REF: <https://github.com/microsoft/WSL/issues/4103>

# Upgrade WSL1 to WSL2

1. Open PowerShell as Administrator(If you don't have Windows PowerShell, install it first.)
2. To install WSL, run this command: dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart.
3. Enable the Virtual Machine Platform optional feature by running the following command: dism.exe /online /enable-feature /featurename:VirtualMachinePlatform /all /norestart
4. Restart Windows 10.
5. Download the latest Linux kernel update package and install it: <https://wslstorestorage.blob.core.windows.net/wslblob/wsl_update_x64.msi>
6. Run the command "wsl --set-version <distro\_name> 2" e.g. Ubuntu: "wsl --set-version Ubuntu 2" If you have many files and directories made with wsl version 1 it may takes more than few minutes.
7. Open PowerShell as Administrator and run: "wsl --set-default-version 2" to set WSL 2 as your default version.
8. Go check wether WSL is updated to WSL2 or not by typing "wsl -l -v"
9. If the command "wsl -l -v" shows followings, wsl 2 updated is successfully completed.  
   NAME STATE VERSION \* Ubuntu Running 2

# why execute\_script("return document.body.scrollHeight") with python selenium not updating/does not change/stay the same.

Solution: Use document.documentElement.scrollHeight ilo document.body.scrollHeight

SCROLL\_PAUSE\_TIME = 0.5

# Get scroll height

last\_height = driver.execute\_script("return document.documentElement.scrollHeight")

while True:

    # Scroll down to bottom

    driver.execute\_script("window.scrollTo(0, document.documentElement.scrollHeight);")

    # Wait to load page

    time.sleep(SCROLL\_PAUSE\_TIME)

    # Calculate new scroll height and compare with last scroll height

    new\_height = driver.execute\_script("return document.documentElement.scrollHeight")

    if new\_height == last\_height:

        break

    last\_height = new\_height

Ref: https://stackoverflow.com/questions/51690101/why-execute-scriptreturn-document-body-scrollheight-with-python-selenium-ret