

WSL2 Not releasing disk space to host OS (WINDOWS)

Last edited by [VREDDY10](#) 2 years ago

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Problem Statement: When the User deletes the Workspace from the WSL2 the released space is not reflected in the Hostmachine

- Below mentioned steps are verified in Ubuntu 18.04 Distro

Methods followed to release the disk space are :-

- [WSL ShutDown](#)
- [Optimize-vhd](#)
- [Disk_part](#)

WSL Shutdown

Most of the cases shutting down the WSL will release the Storage Space, Please Check if the space got released, else kindly follow below mentioned methods

```
wsl --shutdown
```

OPTIMIZE-VHD

Open your PowerShell in the elevated mode and run the following commands:

- `wsl --shutdown`
- `cd C:\Users\<cdsid>\AppData\Local\Packages\CanonicalGroupLimited.Ubuntu18.04onWindows_79rhkp1fndgsc\LocalState`
- `optimize-vhd -Path .\ext4.vhdx -Mode full`

Once Optimized, Please Open File Explorer to confirm the if the space has been retrieved, else please continue the next steps

DISKPART

Open your PowerShell in the elevated mode and run the following commands:

- `wsl --shutdown`
- `diskpart`
- `select vdisk file="C:\Users\<cdsid>\AppData\Local\Packages\CanonicalGroupLimited.Ubuntu18.04onWindows_79rhkp1fndgsc\LocalState\ext4.vhdx "`
- `attach vdisk readonly`
- `compact vdisk`
- `detach vdisk`
- `exit`

References:

- <https://github.com/microsoft/WSL/issues/4699>

You can use `devNext --help` or `devNext <command> --help` for more options/help.

 **Support:** If you've any Queries w.r.t above mentioned steps, please reach out to  devNext.support@visteon.com