

Windows()

- description :
- author :
- email : dhan@repia.com
- lastupdate : 2020-04-02

/

- [Windows server 2003](#)
- [\(Event Viewer\)](#)
-

ID

```
6005 :
6006 :
6008 :
6009 : OS ,
4624 :
4647 :
12 :
13 :
```

cmd

TASKLIST

()

TASKKILL

- /f : (, 가 가)
- /im : () (: taskkill /f /im csrss.exe)
- /pid : id pid() (: taskkill /f /pid 536)

<https://trustall.tistory.com/31>

tail

```
PS C:\Users> Get-Content ${ } -Wait -Tail 10
or
PS C:\Users> gc ${ } -Wait -Tail 10
```

[Acronis True Image\(\)](#)

[PPT](#) [!](#)

[BATCH](#)

PowerShell

[PowerShell](#)

Util

[Windows Terminal](#)

Windows()

WSL **Linux**

[WSL \(\)](#) [WSL \(\)](#)

0. WSL/가 Windows > > > “ ” > Windows /

- “Linux Windows ”
- “가 ”

1. Microsoft-Windows-Subsystem-Linux () (가 ,)

```
PS C:\User> Enable-WindowsOptionalFeature -Online -FeatureName Microsoft-Windows-Subsystem-Linux
```

```
Path          :
Online        : True
RestartNeeded : False
```

WSL

```
PS C:\User> dism.exe /online /enable-feature /featurename:Microsoft-Windows-Subsystem-Linux /all /norestart
```

```
가
PS C:\User> dism.exe /online /enable-feature
/featurename:VirtualMachinePlatform /all /norestart
```

2. Microsoft Store ubuntu (18.04LTS, 20.04.4 LTS)

```
1. ( ) >
2. 가(username, password(2 )), jurepi/ubuntu_12#$
//
3. $> sudo apt update && sudo apt upgrade
2
//
4. $> sudo apt-get install build-essential gdb
5. $> sudo apt install neofetch
   $> neofetch
6. $> sudo apt install mc ( )
7. $> sudo apt install docker.io
8. $> sudo apt install python3-pip
9. $> pip3 install django
```

3. Visual Studio Code

```
Remote - WSL
C/C++ Intellisense, debugind, and ....
```

4.

```
$> mkdir projects
$> cd projects
$> code .
```

WSL2

WSL1 vs WSL2(Hyper-V(가) 100% KERNEL 가)

Feature	WSL1	WSL2
Integration between Windows and Linux	☒	☒
Fast boot times	☒	☒
Small resource foot print	☒	☒
Manage VM	X	☒
Full Linux Kernel	X	☒
Full system call compatibility	X	☒
Runs with current versions of VMWare and VirtualBox	☒	X
Performance across OS file systems	☒	X

Windows 10 Enterprise, Pro, Education 가 , 2004, 19041 , CPU
64bit, VM (Intel CPU VT-c) CPU (Bios), 4G

WSL ()

```
//
PS C:\User> wsl -l -v
PS C:\User> wsl --set-version Ubuntu20.04LTS 2
```

Server

- [Windows Server uptime](#)

Windows10

- [hosts](#)
- [Windows Update가 \(gpedit.msc\)](#) - [Windows 10](#)
- [10 \(BitLocker\)](#)
- 

PC가

- [10 CPU](#)
-
- [\[\] 2.8](#)
-
-
- [가 \(quick launch\)](#)

Windows7

(cmd) utf-8

```
C:\    \repia> chcp 65001
Active code page: 65001
```

Tip

- 10 가(window10, SMB1, \\ . (-)
- 10
- 10
- 10
- 10 - , , Zoom

Troubleshooting

Term

WSL(Windows Subsystem for Linux)

Ref

- Windows 10 2004 . .(WSL2)Windows SubSystem for Linux[OrangeStar]
 - 10 WSL 2
 - Linux Windows Visual Studio Code
- , eleven, windows, nt, ,

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