Windows(   )

／

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

| ID

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

cmd

| TASKLIST

(   )

| TASKKILL

- /f :   (,   )
- /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

0. WSL/　　　　　　　　　　Windows > 　　 > 　　 > "Windows　　　" 　　 > Windows 　　　　 /

- "Linux　　Windows　　　　　　"
- "　　　　　　　　　"
- 　

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

```
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


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

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

```
1.       (    ) >
2.              (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++ Intelisense, debuggind, and ....
```

4.

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

WSL2

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

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   ,   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 Update](#)   [- Windows 10](#)
  [(gpedit.msc)](#)
- [10](#)   [(BitLocker)](#)   .

PC

- 10 CPU
-
- [   ] 2.8
-
-
- (quick launch)

Windows7

(cmd)   utf-8

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

Tip

- 10   (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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