

WSL SSH In Windows 11

[How to install Linux on Windows with WSL \(Microsoft\)](#)

Connection settings for this article

	Host Name	Login Name
Server	Jump_Server	Jump_Server_Username
Client	Localhost	Local_Username

Command install

Check OS version

Start PowerShell or Command Prompt by selecting “Run as administrator”. PowerShell or Command Prompt can also be opened in Windows Terminal. The command to check the OS version is as follows:

```
PS C:\Windows\System32> winver
```

Select and install a Linux distribution

Linux distributions that install WSL2 online can be found with “wsl -l -o”.

```
PS C:\Windows\System32> wsl -l -o
インストールできる有効なディストリビューションの一覧を次に示します。
'wsl.exe --install <Distro>' を使用してインストールします。

NAME                                FRIENDLY NAME
-----                                -
Ubuntu                               Ubuntu
Debian                               Debian GNU/Linux
kali-linux                           Kali Linux Rolling
Ubuntu-18.04                         Ubuntu 18.04 LTS
Ubuntu-20.04                         Ubuntu 20.04 LTS
Ubuntu-22.04                         Ubuntu 22.04 LTS
OracleLinux_7_9                      Oracle Linux 7.9
OracleLinux_8_7                      Oracle Linux 8.7
OracleLinux_9_1                      Oracle Linux 9.1
openSUSE-Leap-15.5                   openSUSE Leap 15.5
SUSE-Linux-Enterprise-Server-15-SP4  SUSE Linux Enterprise Server 15 SP4
SUSE-Linux-Enterprise-15-SP5        SUSE Linux Enterprise 15 SP5
openSUSE-Tumbleweed                  openSUSE Tumbleweed
```

It can also be installed from the Microsoft Store rather than by command.

[Here we install Ubuntu-22.04](#)

wsl_install.jpg

).

```
wsl --install -d Ubuntu-22.04
```

Reboot the system as instructed.

Ubuntu Linux startup and initial configuration

Ubuntu will start automatically after rebooting, but if it does not, start it from the menu. Enter your client username and password.

```
Enter new UNIX username: Local_Username
New password:
Retype new password:
passwd: password updated successfully
Installation successful!
...
```

Updating Ubuntu.

```
username@localhost:/etc/apt$ sudo apt update
username@localhost:/etc/apt$ sudo apt -y full-upgrade
```

Check the timezone and locale, and change them if necessary.

```
username@localhost:/etc/apt$ timedatectl
    Local time: Fri 2024-01-12 11:51:24 JST
    Universal time: Fri 2024-01-12 02:51:24 UTC
    RTC time: Fri 2024-01-12 02:51:24
    Time zone: Asia/Tokyo (JST, +0900)
System clock synchronized: yes
    NTP service: inactive
    RTC in local TZ: no
username@localhost:/etc/apt$ localectl status
System Locale: LANG=C.UTF-8
    VC Keymap: n/a
    X11 Layout: us
    X11 Model: pc105
```

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