# 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。
```

INAME	FRIENDLT 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 の起動と初期設定

再起動すると自動的に Ubuntu が起動するが, 起動しない場合はメニューから起動する. ユーザー名(クラ イアントusername)とパスワードを入力する.

```
Enter new UNIX username: クライアントusername
New password:
Retype new password:
passwd: password updated successfully
Installation successful!
```

Ubuntu を更新する.

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

Timezone, locale を確認し, 必要であれば適宜変更する.

```
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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