PS C:\Users\Nilesh> wsl --install

Downloading: Ubuntu

Installing: Ubuntu

[ 0.0% ]

\* History restored

PS C:\Users\Nilesh> wsl --version

WSL version: 2.4.13.0

Kernel version: 5.15.167.4-1

WSLg version: 1.0.65

MSRDC version: 1.2.5716

Direct3D version: 1.611.1-81528511

DXCore version: 10.0.26100.1-240331-1435.ge-release

Windows version: 10.0.26100.3915

PS C:\Users\Nilesh> wsl

ilesh@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo apt update

[sudo] password for ilesh:

Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease

Hit:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease

Hit:3 http://security.ubuntu.com/ubuntu noble-security InRelease

Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

99 packages can be upgraded. Run 'apt list --upgradable' to see them.

ilesh@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo apt install wget gpg -y

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

wget is already the newest version (1.21.4-1ubuntu4.1).

wget set to manually installed.

The following additional packages will be installed:

dirmngr gnupg gnupg-l10n gnupg-utils gpg-agent gpg-wks-client gpgconf gpgsm gpgv keyboxd

Suggested packages:

pinentry-gnome3 tor parcimonie xloadimage gpg-wks-server scdaemon

The following packages will be upgraded:

dirmngr gnupg gnupg-l10n gnupg-utils gpg gpg-agent gpg-wks-client gpgconf gpgsm gpgv keyboxd

11 upgraded, 0 newly installed, 0 to remove and 88 not upgraded.

Need to get 2291 kB of archives.

After this operation, 0 B of additional disk space will be used.

Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gpg-wks-client amd64 2.4.4-2ubuntu17.2 [70.9 kB]

Get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 dirmngr amd64 2.4.4-2ubuntu17.2 [323 kB]

Get:3 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gnupg-utils amd64 2.4.4-2ubuntu17.2 [109 kB]

Get:4 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gpgsm amd64 2.4.4-2ubuntu17.2 [232 kB]

Get:5 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gpg-agent amd64 2.4.4-2ubuntu17.2 [227 kB]

Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gpg amd64 2.4.4-2ubuntu17.2 [565 kB]

Get:7 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gpgconf amd64 2.4.4-2ubuntu17.2 [103 kB]

Get:8 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gnupg all 2.4.4-2ubuntu17.2 [359 kB]

Get:9 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 keyboxd amd64 2.4.4-2ubuntu17.2 [78.3 kB]

Get:10 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gpgv amd64 2.4.4-2ubuntu17.2 [158 kB]

Get:11 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 gnupg-l10n all 2.4.4-2ubuntu17.2 [66.1 kB]

Fetched 2291 kB in 4s (549 kB/s)

debconf: unable to initialize frontend: Dialog

debconf: (Dialog frontend requires a screen at least 13 lines tall and 31 columns wide.)

debconf: falling back to frontend: Readline

(Reading database ... 63944 files and directories currently installed.)

Preparing to unpack .../0-gpg-wks-client\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking gpg-wks-client (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../1-dirmngr\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking dirmngr (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../2-gnupg-utils\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking gnupg-utils (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../3-gpgsm\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking gpgsm (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../4-gpg-agent\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking gpg-agent (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../5-gpg\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking gpg (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../6-gpgconf\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking gpgconf (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../7-gnupg\_2.4.4-2ubuntu17.2\_all.deb ...

Unpacking gnupg (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../8-keyboxd\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking keyboxd (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Preparing to unpack .../9-gpgv\_2.4.4-2ubuntu17.2\_amd64.deb ...

Unpacking gpgv (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Setting up gpgv (2.4.4-2ubuntu17.2) ...

(Reading database ... 63944 files and directories currently installed.)

Preparing to unpack .../gnupg-l10n\_2.4.4-2ubuntu17.2\_all.deb ...

Unpacking gnupg-l10n (2.4.4-2ubuntu17.2) over (2.4.4-2ubuntu17) ...

Setting up gnupg-l10n (2.4.4-2ubuntu17.2) ...

Setting up gpgconf (2.4.4-2ubuntu17.2) ...

Setting up gpg (2.4.4-2ubuntu17.2) ...

Setting up gnupg-utils (2.4.4-2ubuntu17.2) ...

Setting up gpg-agent (2.4.4-2ubuntu17.2) ...

Setting up gpgsm (2.4.4-2ubuntu17.2) ...

Setting up dirmngr (2.4.4-2ubuntu17.2) ...

Setting up keyboxd (2.4.4-2ubuntu17.2) ...

Setting up gnupg (2.4.4-2ubuntu17.2) ...

Setting up gpg-wks-client (2.4.4-2ubuntu17.2) ...

Processing triggers for install-info (7.1-3build2) ...

Processing triggers for man-db (2.12.0-4build2) ...

ilesh@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo adduser ansible

fatal: The user `ansible' already exists.

ilesh@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo adduser ansi1

info: Adding user `ansi1' ...

info: Selecting UID/GID from range 1000 to 59999 ...

info: Adding new group `ansi1' (1002) ...

info: Adding new user `ansi1' (1002) with group `ansi1 (1002)' ...

info: Creating home directory `/home/ansi1' ...

info: Copying files from `/etc/skel' ...

New password:

Retype new password:

passwd: password updated successfully

Changing the user information for ansi1

Enter the new value, or press ENTER for the default

Full Name []:

Room Number []:

Work Phone []:

Home Phone []:

Other []:

Is the information correct? [Y/n] y

info: Adding new user `ansi1' to supplemental / extra groups `users' ...

info: Adding user `ansi1' to group `users' ...

ilesh@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo usermod -aG sudo ansi1

ilesh@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ suso su ansi1

Command 'suso' not found, did you mean:

command 'sudo' from deb sudo (1.9.14p2-1ubuntu1)

command 'sudo' from deb sudo-ldap (1.9.14p2-1ubuntu1)

command 'sumo' from deb sumo (1.18.0+dfsg-3build2)

Try: sudo apt install <deb name>

ilesh@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo su ansi1

To run a command as administrator (user "root"), use "sudo <command>".

See "man sudo\_root" for details.

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ssh-keygen

Generating public/private ed25519 key pair.

Enter file in which to save the key (/home/ansi1/.ssh/id\_ed25519):

Created directory '/home/ansi1/.ssh'.

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in /home/ansi1/.ssh/id\_ed25519

Your public key has been saved in /home/ansi1/.ssh/id\_ed25519.pub

The key fingerprint is:

SHA256:hOuN2cqxukVJ5nNncWKEmIvRqicvoicvnpSKf2UWPVI ansi1@DESKTOP-N1T8S4M

The key's randomart image is:

+--[ED25519 256]--+

| . o .. |

| . +.E. |

| +++. + . |

| o+++o. + |

| . \*oS.o |

| + .o+B o |

| o + +\* o |

|B + oo + |

|\*Xoooo+ |

+----[SHA256]-----+

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ hostname -i

127.0.1.1

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ssh ansi1@127.0.1.1

ssh: connect to host 127.0.1.1 port 22: Connection refused

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ssh-copy-id ansi1@127.0.1.1

/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/ansi1/.ssh/id\_ed25519.pub"

/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed

/usr/bin/ssh-copy-id: ERROR: ssh: connect to host 127.0.1.1 port 22: Connection refused

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ssh-copy-id ansi1@127.0.1.1

/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/ansi1/.ssh/id\_ed25519.pub"

/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed

/usr/bin/ssh-copy-id: ERROR: ssh: connect to host 127.0.1.1

port 22: Connection refused

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ^C

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo apt update

[sudo] password for ansi1:

Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease

Hit:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease

Hit:3 http://archive.ubuntu.com/ubuntu noble-backports InRelease

Hit:4 http://security.ubuntu.com/ubuntu noble-security InRelease

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

88 packages can be upgraded. Run 'apt list --upgradable' to see them.

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo apt install openssh-server

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

The following additional packages will be installed:

libwrap0 ncurses-term openssh-client openssh-sftp-server ssh-import-id

Suggested packages:

keychain libpam-ssh monkeysphere ssh-askpass molly-guard ufw

The following NEW packages will be installed:

libwrap0 ncurses-term openssh-server openssh-sftp-server ssh-import-id

The following packages will be upgraded:

openssh-client

1 upgraded, 5 newly installed, 0 to remove and 87 not upgraded.

Need to get 1785 kB of archives.

After this operation, 6854 kB of additional disk space will be used.

Do you want to continue? [Y/n] y

Get:1 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 openssh-client amd64 1:9.6p1-3ubuntu13.11 [905 kB]

Get:2 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 openssh-sftp-server amd64 1:9.6p1-3ubuntu13.11 [37.3 kB]

Get:3 http://archive.ubuntu.com/ubuntu noble/main amd64 libwrap0 amd64 7.6.q-33 [47.9 kB]

Get:4 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 openssh-server amd64 1:9.6p1-3ubuntu13.11 [509 kB]

Get:5 http://archive.ubuntu.com/ubuntu noble/main amd64 ncurses-term all 6.4+20240113-1ubuntu2 [275 kB]

Get:6 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 ssh-import-id all 5.11-0ubuntu2.24.04.1 [10.1 kB]

Fetched 1785 kB in 4s (507 kB/s)

debconf: unable to initialize frontend: Dialog

debconf: (Dialog frontend requires a screen at least 13 lines tall and 31 columns wide.)

debconf: falling back to frontend: Readline

Preconfiguring packages ...

(Reading database ... 63944 files and directories currently installed.)

Preparing to unpack .../0-openssh-client\_1%3a9.6p1-3ubuntu13.11\_amd64.deb ...

Unpacking openssh-client (1:9.6p1-3ubuntu13.11) over (1:9.6p1-3ubuntu13.5) ...

Selecting previously unselected package openssh-sftp-server.

Preparing to unpack .../1-openssh-sftp-server\_1%3a9.6p1-3ubuntu13.11\_amd64.deb ...

Unpacking openssh-sftp-server (1:9.6p1-3ubuntu13.11) ...

Selecting previously unselected package libwrap0:amd64.

Preparing to unpack .../2-libwrap0\_7.6.q-33\_amd64.deb ...

Unpacking libwrap0:amd64 (7.6.q-33) ...

Selecting previously unselected package openssh-server.

Preparing to unpack .../3-openssh-server\_1%3a9.6p1-3ubuntu13.11\_amd64.deb ...

Unpacking openssh-server (1:9.6p1-3ubuntu13.11) ...

Selecting previously unselected package ncurses-term.

Preparing to unpack .../4-ncurses-term\_6.4+20240113-1ubuntu2\_all.deb ...

Unpacking ncurses-term (6.4+20240113-1ubuntu2) ...

Selecting previously unselected package ssh-import-id.

Preparing to unpack .../5-ssh-import-id\_5.11-0ubuntu2.24.04.1\_all.deb ...

Unpacking ssh-import-id (5.11-0ubuntu2.24.04.1) ...

Setting up openssh-client (1:9.6p1-3ubuntu13.11) ...

Setting up ssh-import-id (5.11-0ubuntu2.24.04.1) ...

Setting up libwrap0:amd64 (7.6.q-33) ...

Setting up ncurses-term (6.4+20240113-1ubuntu2) ...

Setting up openssh-sftp-server (1:9.6p1-3ubuntu13.11) ...

Setting up openssh-server (1:9.6p1-3ubuntu13.11) ...

debconf: unable to initialize frontend: Dialog

debconf: (Dialog frontend requires a screen at least 13 lines tall and 31 columns wide.)

debconf: falling back to frontend: Readline

Creating config file /etc/ssh/sshd\_config with new version

Creating SSH2 RSA key; this may take some time ...

3072 SHA256:qTHoJSSu5AFhkFlhWiQaTnL5T7SWl9xosl/JkpkNdUU root@DESKTOP-N1T8S4M (RSA)

Creating SSH2 ECDSA key; this may take some time ...

256 SHA256:++nYDVCZE7Xi0HEvmrRj3yMDcH92JZUtcmc58kpo6c4 root@DESKTOP-N1T8S4M (ECDSA)

Creating SSH2 ED25519 key; this may take some time ...

256 SHA256:XF37eItDGgkvl361KdF2YZ6iY2mVB3rSots+1CZho2Y root@DESKTOP-N1T8S4M (ED25519)

Created symlink /etc/systemd/system/sockets.target.wants/ssh.socket → /usr/lib/systemd/system/ssh.socket.

Created symlink /etc/systemd/system/ssh.service.requires/ssh.socket → /usr/lib/systemd/system/ssh.socket.

Processing triggers for man-db (2.12.0-4build2) ...

Processing triggers for libc-bin (2.39-0ubuntu8.4) ...

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo service ssh start

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo netstat -tlnp | grep ssh

sudo: netstat: command not found

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo ss -tlnp | grep ssh

LISTEN 0 4096 \*:22 \*:\* users:(("sshd",pid=2557,fd=3),("systemd",pid=1,fd=59))

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ssh-copy-id ansi1@127.0.1.1

/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/ansi1/.ssh/id\_ed25519.pub"

The authenticity of host '127.0.1.1 (127.0.1.1)' can't be established.

ED25519 key fingerprint is SHA256:XF37eItDGgkvl361KdF2YZ6iY2mVB3rSots+1CZho2Y.

This key is not known by any other names.

Are you sure you want to continue connecting (yes/no/[fingerprint])? yes

/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed

/usr/bin/ssh-copy-id: INFO: 1 key(s) remain to be installed -- if you are prompted now it is to install the new keys

ansi1@127.0.1.1's password:

Permission denied, please try again.

ansi1@127.0.1.1's password:

Number of key(s) added: 1

Now try logging into the machine, with: "ssh 'ansi1@127.0.1.1'"

and check to make sure that only the key(s) you wanted were added.

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo apt update

Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease

Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease

Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease

Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

87 packages can be upgraded. Run 'apt list --upgradable' to see them.

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo apt install ansible -y

Reading package lists... Done

Building dependency tree... Done

Reading state information... Done

ansible is already the newest version (9.2.0+dfsg-0ubuntu5).

0 upgraded, 0 newly installed, 0 to remove and 87 not upgraded.

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ansible --version

ansible [core 2.16.3]

config file = None

configured module search path = ['/home/ansi1/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']

ansible python module location = /usr/lib/python3/dist-packages/ansible

ansible collection location = /home/ansi1/.ansible/collections:/usr/share/ansible/collections

executable location = /usr/bin/ansible

python version = 3.12.3 (main, Jan 17 2025, 18:03:48) [GCC 13.3.0] (/usr/bin/python3)

jinja version = 3.1.2

libyaml = True

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo mkdir -p /etc/ansible

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo nano /etc/ansible/hosts

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ ansible-inventory --list -y

all:

children:

local:

hosts:

localhost:

ansible\_connection: local

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$ sudo ansible all -m ping

localhost | SUCCESS => {

"ansible\_facts": {

"discovered\_interpreter\_python": "/usr/bin/python3"

},

"changed": false,

"ping": "pong"

}

ansi1@DESKTOP-N1T8S4M:/mnt/c/Users/Nilesh$