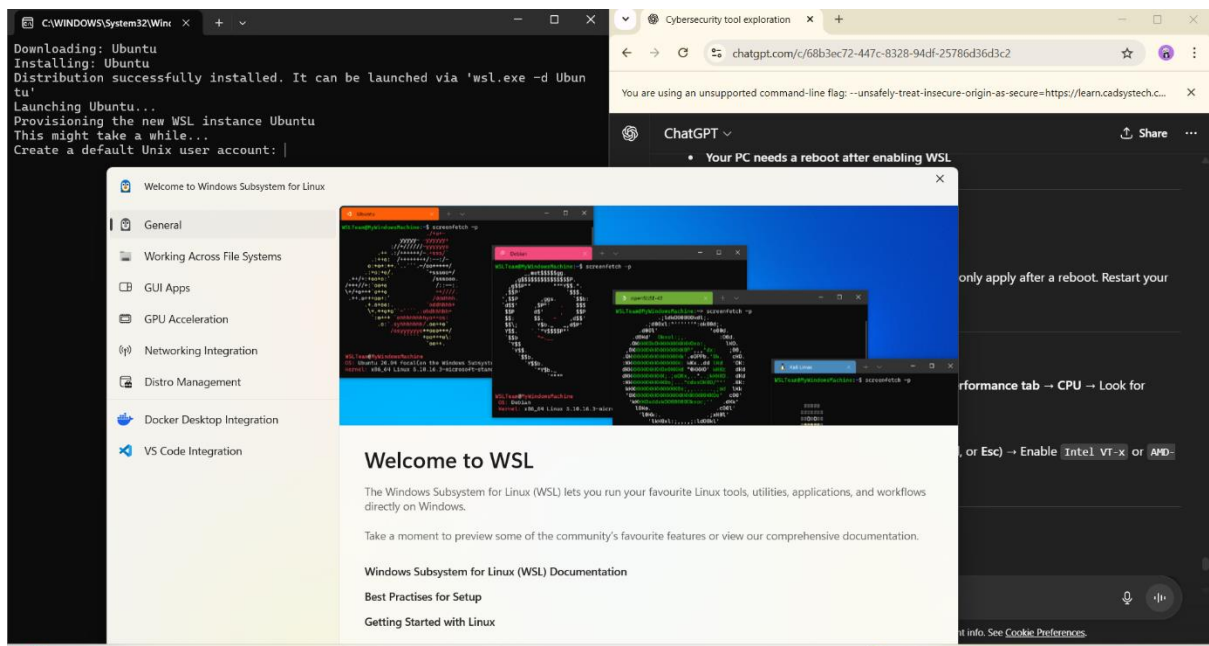


COMMANDS AND OUTPUTS:

```
Downloading: Ubuntu
Installing: Ubuntu
Distribution successfully installed. It can be launched via 'wsl.exe -d Ubuntu'
Launching Ubuntu...
Provisioning the new WSL instance Ubuntu
This might take a while...
Create a default Unix user account: sathwika
New password:
Retype new password:
passwd: password updated successfully
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

sathwika@PUPPY:/mnt/c/WINDOWS/system32$ sudo apt-get update
[sudo] password for sathwika:
Hit:1 http://archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:6 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1106 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:8 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [190 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.6 kB]
Get:10 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [8708 B]
Get:11 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [881 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:13 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [195 kB]
Get:14 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.2 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f
```



```
Reading package lists... Done
sathwika@PUPPY:/mnt/c/WINDOWS/system32$ sudo apt-get install hydra -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  firebird3.0-common firebird3.0-common-doc libaprilt64 libaprutilt64
  libbson-1.0-0t64 libfbclient2 libfreerdp2-2t64 libhashkit2t64 libidn2
  libmemcached1t64 libmongoc-1.0-0t64 libmongocrypt0 libmysqlclient21
  libpq5 libserf-1-1 libsnappy1v5 libsvn1 libtommath1 libutf8proc3
  libwinpr2-2t64 libxkbfile1 mysql-common
Suggested packages:
  hydra-gtk freerdp-x11
The following NEW packages will be installed:
  firebird3.0-common firebird3.0-common-doc hydra libaprilt64
  libaprutilt64 libbson-1.0-0t64 libfbclient2 libfreerdp2-2t64
  libhashkit2t64 libidn2 libmemcached1t64 libmongoc-1.0-0t64
  libmongocrypt0 libmysqlclient21 libpq5 libserf-1-1 libsnappy1v5 libsvn1
  libtommath1 libutf8proc3 libwinpr2-2t64 libxkbfile1 mysql-common
0 upgraded, 23 newly installed, 0 to remove and 9 not upgraded.
Need to get 6925 kB of archives.
After this operation, 23.5 MB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu noble/universe amd64 firebird3.0-common-doc all 3.0.11.33703.ds4-2ubuntu2 [28.5 kB]
Get:2 http://archive.ubuntu.com/ubuntu noble/universe amd64 firebird3.0-common all 3.0.11.33703.ds4-2ubuntu2 [15.5 kB]
Get:3 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 libaprilt64 amd64 1.7.2-3.1ubuntu0.1 [108 kB]
Get:4 http://archive.ubuntu.com/ubuntu noble/main amd64 libaprutilt64 amd64 1.6.3-1.1ubuntu7 [91.9 kB]
Get:5 http://archive.ubuntu.com/ubuntu noble/universe amd64 libbson-1.0-0t64 amd64 1.26.0-1.1ubuntu2 [81.9 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble/main amd64 libtommath1 amd64 1.2.1-2build1 [54.8 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble/universe amd64 libfbclient2 amd64 3.0.11.33703.ds4-2ubuntu2 [549 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble/universe amd64 libwinpr2-2t64 amd64 2.11.5+dfsg1-1build2 [350 kB]
Get:9 http://archive.ubuntu.com/ubuntu noble/main amd64 libxkbfile1 amd64 1:1.1.0-1build4 [70.0 kB]
Get:10 http://archive.ubuntu.com/ubuntu noble/universe amd64 libfreerdp2-2t64 amd64 2.11.5+dfsg1-1build2 [559 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble/main amd64 libhashkit2t64 amd64 1.1.4-1.1build3 [15.5 kB]
Get:12 http://archive.ubuntu.com/ubuntu noble/main amd64 libidn2 amd64 1.42-1build1 [55.9 kB]
Get:13 http://archive.ubuntu.com/ubuntu noble/main amd64 libmemcached1t64 amd64 1.1.4-1.1build3 [80.5 kB]
Get:14 http://archive.ubuntu.com/ubuntu noble/universe amd64 libmongocrypt0 amd64 1.8.4-1build3 [1327 kB]
Get:15 http://archive.ubuntu.com/ubuntu noble/main amd64 libsnappy1v5 amd64 1.1.10-1build1 [28.6 kB]
```

```
sathwika@PUPPY:/mnt/c/WINDOWS/system32$ hydra --version
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use i
n military or secret service organizations, or for illegal purposes (this is
non-binding, these *** ignore laws and ethics anyway).

hydra: invalid option -- '-'
sathwika@PUPPY:/mnt/c/WINDOWS/system32$ echo -e "password\n123456\nadmin\n">
passlist.txt
bash: passlist.txt: Permission denied
sathwika@PUPPY:/mnt/c/WINDOWS/system32$ cd ~
sathwika@PUPPY:~$ echo -e "password\n123456\nadmin\n">passlist.txt
sathwika@PUPPY:~$ cat passlist.txt
password
123456
admin

sathwika@PUPPY:~$ |
```

```
sathwika@PUPPY:~$ sudo systemctl start ssh
sathwika@PUPPY:~$ sudo systemctl enable ssh
Synchronizing state of ssh.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable ssh
Created symlink /etc/systemd/system/ssh.service → /usr/lib/systemd/system/ssh.service.
Created symlink /etc/systemd/system/multi-user.target.wants/ssh.service → /usr/lib/systemd/system/ssh.service.
sathwika@PUPPY:~$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: >
   Active: active (running) since Sun 2025-08-31 08:14:32 UTC; 19s ago
   TriggeredBy: ● ssh.socket
     Docs: man:sshd(8)
           man:sshd_config(5)
    Main PID: 1833 (sshd)
      Tasks: 1 (limit: 4530)
     Memory: 1.2M (peak: 1.8M)
        CPU: 17ms
    CGroup: /system.slice/ssh.service
            └─1833 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startup>
Aug 31 08:14:32 PUPPY systemd[1]: Starting ssh.service - OpenBSD Secure She>
Aug 31 08:14:32 PUPPY sshd[1833]: Server listening on 0.0.0.0 port 22.
Aug 31 08:14:32 PUPPY sshd[1833]: Server listening on :: port 22.
Aug 31 08:14:32 PUPPY systemd[1]: Started ssh.service - OpenBSD Secure Shel>
lines 1-17/17 (END)
● ssh.service - OpenBSD Secure Shell server
   Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
   Active: active (running) since Sun 2025-08-31 08:14:32 UTC; 19s ago
   TriggeredBy: ● ssh.socket
     Docs: man:sshd(8)
           man:sshd_config(5)
    Main PID: 1833 (sshd)
      Tasks: 1 (limit: 4530)
     Memory: 1.2M (peak: 1.8M)
        CPU: 17ms
```

```
sathwika@PUPPY:~$ cat /etc/shadow
cat: /etc/shadow: Permission denied
sathwika@PUPPY:~$ sudo cat /etc/shadow
[sudo] password for sathwika:
root:*:20305:0:99999:7:::
daemon:*:20305:0:99999:7:::
bin:*:20305:0:99999:7:::
sys:*:20305:0:99999:7:::
sync:*:20305:0:99999:7:::
games:*:20305:0:99999:7:::
man:*:20305:0:99999:7:::
lp:*:20305:0:99999:7:::
mail:*:20305:0:99999:7:::
news:*:20305:0:99999:7:::
uucp:*:20305:0:99999:7:::
proxy:*:20305:0:99999:7:::
www-data:*:20305:0:99999:7:::
backup:*:20305:0:99999:7:::
list:*:20305:0:99999:7:::
irc:*:20305:0:99999:7:::
_apt:*:20305:0:99999:7:::
nobody:*:20305:0:99999:7:::
systemd-network:!*:20305:::
systemd-timesync:!*:20305:::
dhcpcd:!:20305:::
messagebus:!:20305:::
syslog:!:20305:::
systemd-resolve:!*:20305:::
uuidd:!:20305:::
landscape:!:20305:::
polkitd:!*:20305:::
sathwika:$y$j9T$K01LVkXoIs4wzLBmes7v3/$uj5I3A9hvjvFimj9iLPGD.fffgoDkDxJNAoH9CNeUMzV4:20331:0:99999:7:::
sshd:!:20331:::
sathwika@PUPPY:~$
```



```
sathwika@PUPPY:~$ whoami
sathwika
sathwika@PUPPY:~$ nano passlist
sathwika@PUPPY:~$ nano passlist.txt
sathwika@PUPPY:~$ hydra -L sathwika -P passlist.txt ssh://127.0.0.1
Hydra v9.5 (c) 2023 by van Hauser/THC & David Maciejak - Please do not use in military or secret service organizations, or for illegal purposes (this is non
-binding, these *** ignore laws and ethics anyway).

Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2025-08-31 08:26:00
[WARNING] Many SSH configurations limit the number of parallel tasks, it is recommended to reduce the tasks: use -t 4
[DATA] max 7 tasks per 1 server, overall 7 tasks, 7 login tries (l:1/p:7), ~1 try per task
[DATA] attacking ssh://127.0.0.1:22/
[22][ssh] host: 127.0.0.1 login: sathwika password: sathwika@2005
1 of 1 target successfully completed, 1 valid password found
Hydra (https://github.com/vanhauser-thc/thc-hydra) finished at 2025-08-31 08:26:02
sathwika@PUPPY:~$
```

```
sathwika@PUPPY:~$ ssh sathwika@127.0.0.1
sathwika@127.0.0.1's password:
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.6.87.2-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Sun Aug 31 08:26:00 UTC 2025

System load:  0.0           Processes:      50
Usage of /:   0.1% of 1006.85GB Users logged in: 1
Memory usage: 10%          IPv4 address for eth0: 172.25.154.75
Swap usage:   0%

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge
Last login: Sun Aug 31 08:17:14 2025 from 127.0.0.1
sathwika@PUPPY:~$ |
```