

reetika@DESKTOP-17FQPRN: X Windows PowerShell X + v

Windows PowerShell

Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

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

Installing: Ubuntu

Ubuntu has been installed.

Launching Ubuntu...

Installing, this may take a few minutes...

Please create a default UNIX user account. The username does not need to match your Windows username.

For more information visit: <https://aka.ms/wslusers>

Enter new UNIX username: Reetika

adduser: Please enter a username matching the regular expression configured via the NAME_REGEX[_SYSTEM] configuration variable. Use the '--force-badname' option to relax this check or reconfigure NAME_REGEX.

Enter new UNIX username: Reetika2706

adduser: Please enter a username matching the regular expression configured via the NAME_REGEX[_SYSTEM] configuration variable. Use the '--force-badname' option to relax this check or reconfigure NAME_REGEX.

Enter new UNIX username: reetika

New password:

Retype new password:

Sorry, passwords do not match.

passwd: Authentication token manipulation error

passwd: password unchanged

Try again? [y/N] y

New password:

Retype new password:

passwd: password updated successfully

Installation successful!

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

See "man sudo_root" for details.

Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.133.1-microsoft-standard-WSL2 x86_64)

Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.133.1-microsoft-standard-WSL2 x86_64)

- * Documentation: <https://help.ubuntu.com>
- * Management: <https://landscape.canonical.com>
- * Support: <https://ubuntu.com/advantage>

This message is shown once a day. To disable it please create the /home/reetika/.hushlogin file.

```
reetika@DESKTOP-17FQPRN:~$ docker -d
```

The command 'docker' could not be found in this WSL 2 distro.

We recommend to activate the WSL integration in Docker Desktop settings.

For details about using Docker Desktop with WSL 2, visit:

<https://docs.docker.com/go/wsl2/>

```
reetika@DESKTOP-17FQPRN:~$ docker -v
```

The command 'docker' could not be found in this WSL 2 distro.

We recommend to activate the WSL integration in Docker Desktop settings.

For details about using Docker Desktop with WSL 2, visit:

<https://docs.docker.com/go/wsl2/>

```
reetika@DESKTOP-17FQPRN:~$ docker -v
```

The command 'docker' could not be found in this WSL 2 distro.

We recommend to activate the WSL integration in Docker Desktop settings.

For details about using Docker Desktop with WSL 2, visit:

```
reetika@DESKTOP-17FQPRN: X Windows PowerShell X + v
sudo apt install wsl
reetika@DESKTOP-17FQPRN:~$ docker --version
Docker version 24.0.7, build afdd53b
reetika@DESKTOP-17FQPRN:~$ docker run hello-world
docker: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/create": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
reetika@DESKTOP-17FQPRN:~$ docker run hello-world
docker: permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post "http://%2Fvar%2Frun%2Fdocker.sock/v1.24/containers/create": dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.
reetika@DESKTOP-17FQPRN:~$ sudo groupadd docker
[sudo] password for reetika:
groupadd: group 'docker' already exists
reetika@DESKTOP-17FQPRN:~$ sudo usermod -aG docker $USER
reetika@DESKTOP-17FQPRN:~$ newgrp docker
reetika@DESKTOP-17FQPRN:~$ docker run hello-world

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
1. The Docker client contacted the Docker daemon.
2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
   (amd64)
3. The Docker daemon created a new container from that image which runs the
   executable that produces the output you are currently reading.
4. The Docker daemon streamed that output to the Docker client, which sent it
   to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/
```

```
reetika@DESKTOP-17FQPRN: X Windows PowerShell X + v

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

reetika@DESKTOP-17FQPRN:~$ docker pull alpine
Using default tag: latest
latest: Pulling from library/alpine
661ff4d9561e: Pull complete
Digest: sha256:51b67269f354137895d43f3b3d810bfacd3945438e94dc5ac55fdac340352f48
Status: Downloaded newer image for alpine:latest
docker.io/library/alpine:latest

What's Next?
View a summary of image vulnerabilities and recommendations → docker scout quickview alpine
reetika@DESKTOP-17FQPRN:~$ docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
ubuntu              latest             174c8c134b2a       4 weeks ago        77.9MB
alpine               latest             f8c20f8bbcb6       5 weeks ago        7.38MB
hello-world         latest             d2c94e258dc6       8 months ago       13.3kB
reetika@DESKTOP-17FQPRN:~$ docker run alpine ls -l
total 56
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 bin
drwxr-xr-x  5 root    root          340 Jan 14 03:42 dev
drwxr-xr-x  1 root    root          4096 Jan 14 03:42 etc
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 home
drwxr-xr-x  7 root    root          4096 Dec  7 09:43 lib
drwxr-xr-x  5 root    root          4096 Dec  7 09:43 media
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 mnt
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 opt
dr-xr-xr-x 300 root    root           0 Jan 14 03:42 proc
drwx----- 2 root    root          4096 Dec  7 09:43 root
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 run
```

```
reetika@DESKTOP-17FQPRN: X Windows PowerShell X + v

drwxr-xr-x  5 root    root          340 Jan 14 03:42 dev
drwxr-xr-x  1 root    root          4096 Jan 14 03:42 etc
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 home
drwxr-xr-x  7 root    root          4096 Dec  7 09:43 lib
drwxr-xr-x  5 root    root          4096 Dec  7 09:43 media
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 mnt
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 opt
dr-xr-xr-x 300 root    root           0 Jan 14 03:42 proc
drwx----- 2 root    root          4096 Dec  7 09:43 root
drwxr-xr-x  2 root    root          4096 Dec  7 09:43 run
drwxr-xr-x  2 root    root          4096 Dec  7 09:43/sbin
drwxr-xr-x  2 root    root          4096 Dec  7 09:43/srv
dr-xr-xr-x 11 root    root           0 Jan 14 03:42/sys
drwxrwxrwt  2 root    root          4096 Dec  7 09:43/tmp
drwxr-xr-x  7 root    root          4096 Dec  7 09:43/usr
drwxr-xr-x 12 root    root          4096 Dec  7 09:43/var
reetika@DESKTOP-17FQPRN:~$ docker run alpine echo "hello from alpine"
hello from alpine
reetika@DESKTOP-17FQPRN:~$ docker run alpine /bin/sh
reetika@DESKTOP-17FQPRN:~$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS   NAMES
reetika@DESKTOP-17FQPRN:~$ docker ps -a
CONTAINER ID   IMAGE     COMMAND   CREATED             STATUS              PORTS   NAMES
df1ce0e1aaa5   alpine    "/bin/sh"  48 seconds ago     Exited (0) 47 seconds ago           happy_mclean
0fe823f0039e   alpine    "echo 'hello from al..." About a minute ago   Exited (0) About a minute ago       condescending_heisenberg
2d8247e10c90   alpine    "ls -l"    About a minute ago   Exited (0) About a minute ago       intelligent_sinoussi
5b25d8b34ce3   hello-world "/hello"   5 minutes ago       Exited (0) 5 minutes ago       dreamy_yalow
742b0c4dc184   ubuntu:latest "/bin/bash" 2 days ago         Exited (255) 27 hours ago       busy_euler
3d1688ef7bf4   hello-world "/hello"   2 days ago         Exited (0) 2 days ago         upbeat_pike
reetika@DESKTOP-17FQPRN:~$ docker run -it alpine /bin/sh
/ # ls
bin  dev  etc  home  lib  media  mnt  opt  proc  root  run /sbin  srv  sys  tmp  usr  var
/ # uname -a
Linux 80fae4033dc1 5.15.133.1-microsoft-standard-WSL2 #1 SMP Thu Oct 5 21:02:42 UTC 2023 x86_64 Linux
/ #
```

```
reetika@DESKTOP-17FQPRN: X Windows PowerShell X reetika@DESKTOP-17FQPRN: / X + v
2dfe443209c091865596f34d3866". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
reetika@DESKTOP-17FQPRN:~$ docker run --name static-site -e AUTHOR="Reetika" -d -P dockersamples/static-site
docker: Error response from daemon: Conflict. The container name "/static-site" is already in use by container
2dfe443209c091865596f34d3866". You have to remove (or rename) that container to be able to reuse that name.
See 'docker run --help'.
reetika@DESKTOP-17FQPRN:~$ docker run --name static-site1 -e AUTHOR="Reetika" -d -P dockersamples/static-site
02f1122a0e22edbe7b71600d06f5736025c4bcd28c4784d38763ab98eeeb8d50
reetika@DESKTOP-17FQPRN:~$ docker port static-site1
80/tcp -> 0.0.0.0:32771
443/tcp -> 0.0.0.0:32770
reetika@DESKTOP-17FQPRN:~$ docker port static-site
80/tcp -> 0.0.0.0:32769
443/tcp -> 0.0.0.0:32768
reetika@DESKTOP-17FQPRN:~$ docker-machine ip default
Command 'docker-machine' not found, but can be installed with:
sudo snap install docker
reetika@DESKTOP-17FQPRN:~$ docker-swarm ip default
docker-swarm: command not found
reetika@DESKTOP-17FQPRN:~$ $ if [[ ! -d "$HOME/bin" ]]; then mkdir -p "$HOME/bin"; fi && \
curl -L https://github.com/docker/machine/releases/download/v0.16.2/docker-machine-Windows-x86_64.exe > "$HOME
chmod +x "$HOME/bin/docker-machine.exe"
bash: syntax error near unexpected token `then'
bash: /home/reetika/bin/docker-machine.exe: No such file or directory
reetika@DESKTOP-17FQPRN:~$ docker-machine --version
Command 'docker-machine' not found, but can be installed with:
sudo snap install docker
reetika@DESKTOP-17FQPRN:~$ sudo snap install docker
[sudo] password for reetika:
docker 20.10.24 from Canonical✓ installed
reetika@DESKTOP-17FQPRN:~$ docker-machine --version
Command 'docker-machine' not found, but can be installed with:
sudo snap install docker
reetika@DESKTOP-17FQPRN:~$ docker-swarm ip default
docker-swarm: command not found
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

WSL + -

What's Next?

View a summary of image vulnerabilities and recommendations → [docker scout quickview](#)

```
reetika@DESKTOP-17FQPRN:/mnt/d/BCDV-4032/lab-1/my-docker-app$ docker run -p 3000:3000 my-docker-app
```

```
> my-docker-app@0.1.0 start /app
```

```
> react-scripts start
```

```
(node:25) [DEP_WEBPACK_DEV_SERVER_ON_AFTER_SETUP_MIDDLEWARE] DeprecationWarning: 'onAfterSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
```

```
(Use `node --trace-deprecation ...` to show where the warning was created)
```

```
(node:25) [DEP_WEBPACK_DEV_SERVER_ON_BEFORE_SETUP_MIDDLEWARE] DeprecationWarning: 'onBeforeSetupMiddleware' option is deprecated. Please use the 'setupMiddlewares' option.
```

```
Starting the development server...
```

```
One of your dependencies, babel-preset-react-app, is importing the
"@babel/plugin-proposal-private-property-in-object" package without
declaring it in its dependencies. This is currently working because
"@babel/plugin-proposal-private-property-in-object" is already in your
node_modules folder for unrelated reasons, but it may break at any time.
```

```
babel-preset-react-app is part of the create-react-app project, which
is not maintained anymore. It is thus unlikely that this bug will
ever be fixed. Add "@babel/plugin-proposal-private-property-in-object" to
your devDependencies to work around this error. This will make this message
go away.
```

```
Compiled with warnings.
```

```
[eslint]
```

```
src/App.js
```

```
Line 1:8: 'logo' is defined but never used  no-unused-vars
```

```
Search for the keywords to learn more about each warning.
```

```
To ignore, add // eslint-disable-next-line to the line before.
```

```
WARNING in [eslint]
```

Name - Reetika

Student Id - 101496084