

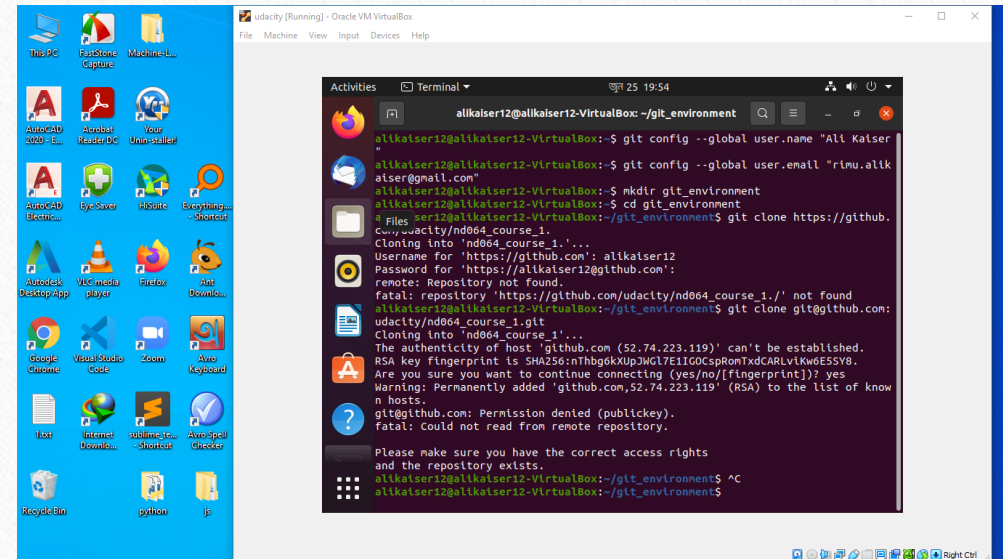
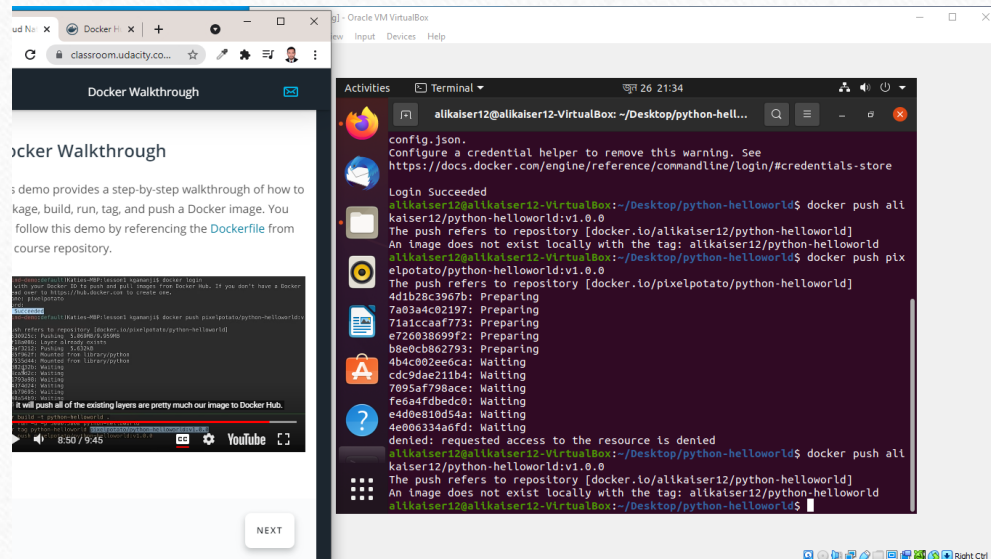
# Windows Error & Solution with Ubuntu

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Ali Kaiser, Slack Name: AliKaiser.Bangladesh

Materials & Metallurgical Engineer,  
Agricultural-Tech Entrepreneur, Bangladesh

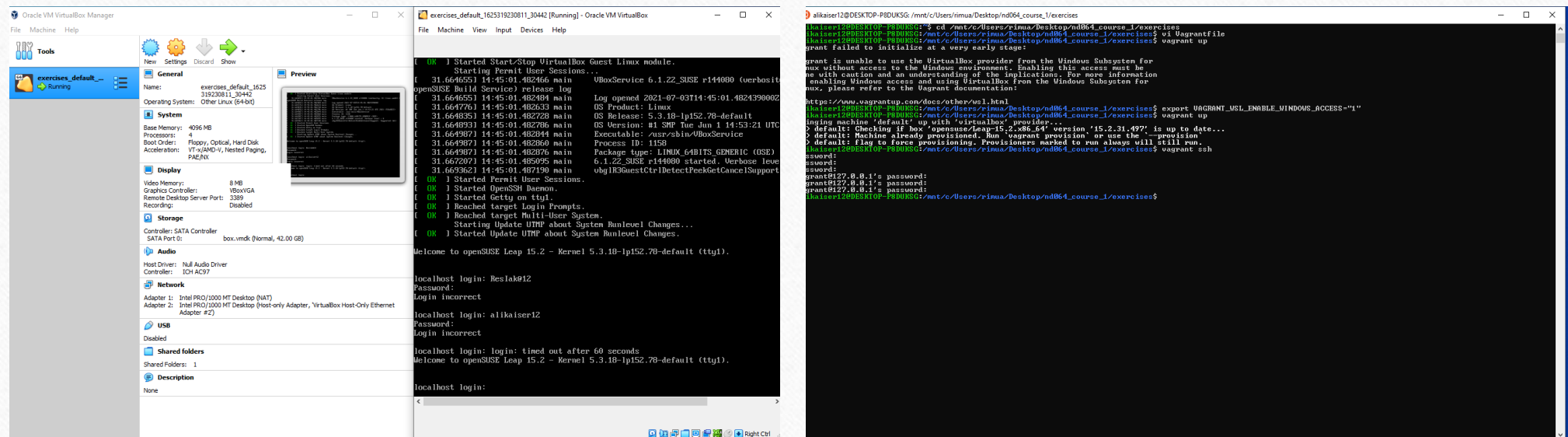
# 1. Worked Solution for me: Just restart your whole system



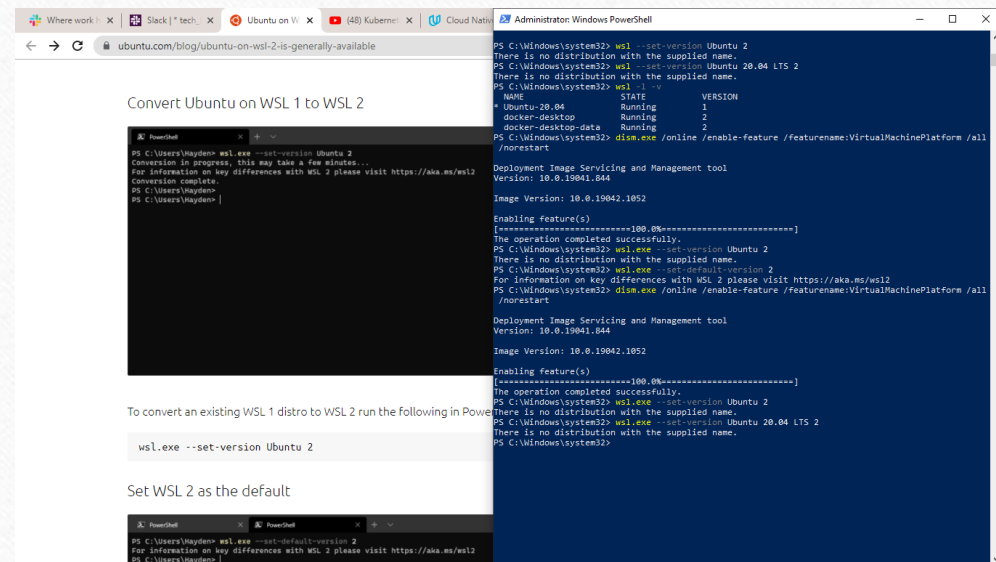
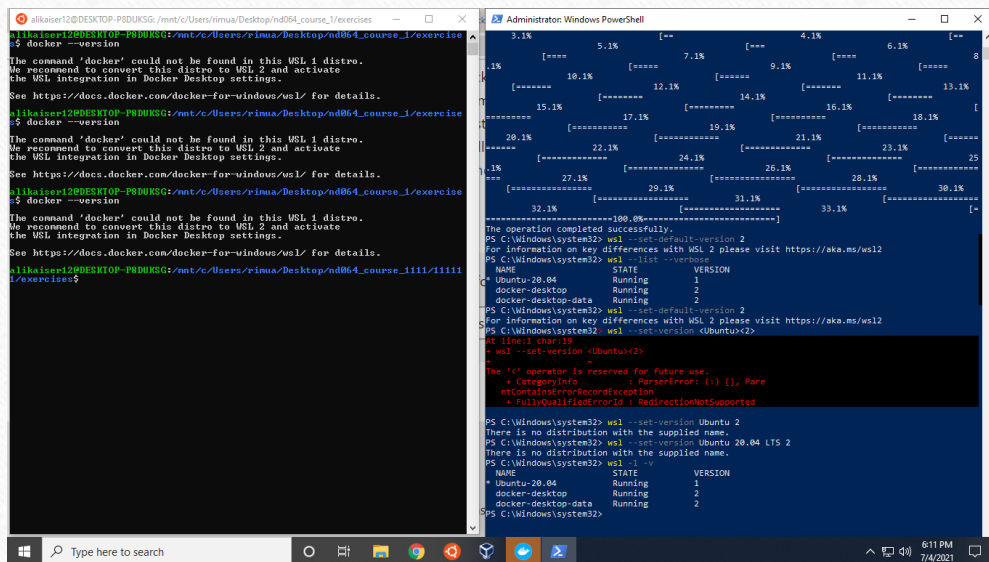


## 2. Worked Solution: Used Virtual Box

### Login: vagrant PW: vagrant



### 3.Worked Solution: Enable WSL-2 in windows10 & follow picture in the next page



# 3. Just enable ubuntu in wsl-2

The collage consists of four screenshots illustrating the steps to enable Ubuntu in WSL 2:

- Top-left:** A Slack channel named "SUSE Cloud Native" showing a message from "mrpmohiburrahman" asking for help with enabling Ubuntu in WSL 2.
- Top-right:** A Windows PowerShell terminal window showing the command `wsl.exe --set-version Ubuntu 2` and its output: `Invalid command line option: --set-distribution`. The user is prompted to use `--set-version` instead.
- Bottom-left:** A Windows PowerShell terminal window showing the command `wsl.exe --set-version Ubuntu 2` and its output: `Conversion in progress, this may take a few minutes...`. The terminal also shows the command `wsl.exe --list` and its output, which lists the installed distributions: `Ubuntu-20.04` and `docker-desktop`.
- Bottom-right:** A Windows PowerShell terminal window showing the command `wsl.exe --set-version Ubuntu 2` and its output: `Conversion complete.`. The terminal also shows the command `wsl.exe --list` and its output, which lists the installed distributions: `Ubuntu-20.04` and `docker-desktop`.



## 4. Worked Solution: Install Docker.io

```
alikaier12@DESKTOP-P8DUKSG:~$ sudo do-release-upgrade-d
[sudo] password for alikaier12:
sudo: do-release-upgrade-d: command not found
alikaier12@DESKTOP-P8DUKSG:~$ docker --version

The command 'docker' could not be found in this WSL 2 distro.
We recommend to activate the WSL integration in Docker Desktop settings.

See https://docs.docker.com/docker-for-windows/wsl/ for details.

alikaier12@DESKTOP-P8DUKSG:~$
```

WhatsApp | Where do you want to | Slack | Ubuntu on WSL | Ubuntu on VBox | How to Install u...

app.slack.com/client/T022825V0KF/activity-page/thread/C0245GYK6CE-1625444329.427000

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  - # st\_scientiscertist
  - Unread mentions

**Mentions & reactions**

4. Today, python 30 days challenge day 10  
5. Heavy blockers related to docker

Haris.Muhammad reacted in #daily\_scrum

**AliKaiser.Bangladesh** Today at 6:53 AM  
Thanks brother, @Haris.Muhammad I will try it and will let you know

Haris.Muhammad reacted in #daily\_scrum

**AliKaiser.Bangladesh** Today at 6:48 AM  
@Haris.Muhammad should I run these commands on windows Power Shell or in Ubuntu CMD?

Haris.Muhammad mentioned you in #daily\_scrum

**Haris.Muhammad** Today at 6:52 AM  
@AliKaiser.Bangladesh its for Ubuntu.

Haris.Muhammad mentioned you in #daily\_scrum

**Haris.Muhammad** Today at 6:45 AM  
@AliKaiser.Bangladesh first I Installed the docker using the command

**Thread #daily\_scrum**

**AliKaiser.Bangladesh** 4 hours ago  
first I Installed the docker using the command

```
sudo apt install docker.io
```

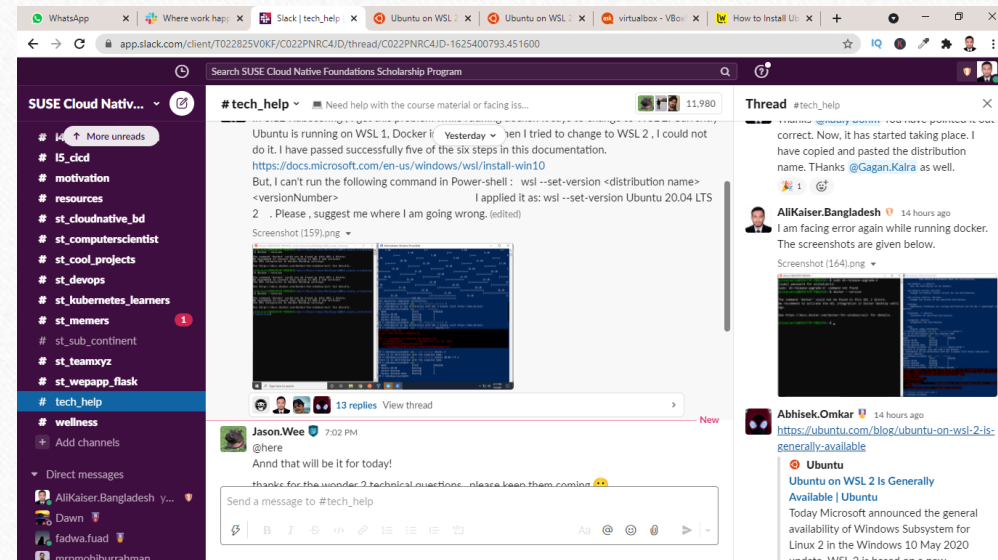
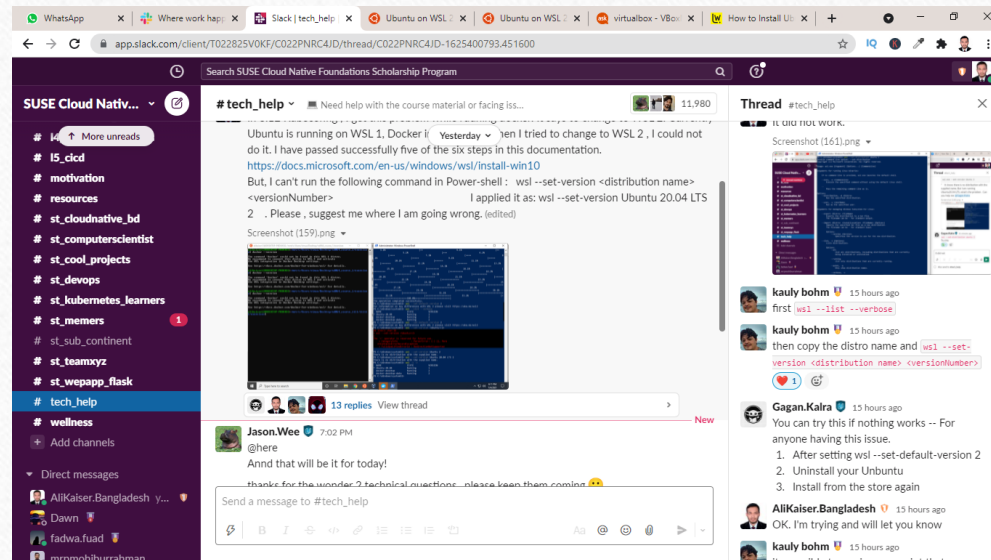
Its old method doesn't work for me.  
Then I follow the official documentation  
<https://docs.docker.com/engine/install/ubuntu/>. I used the Install using the repository method. then it didn't work it looks like docker is not running then I enabled the Docker using the systemctl command then everything works.

```
sudo systemctl status docker
sudo systemctl enable --now docker
```

**Docker Documentation**  
**Install Docker Engine on Ubuntu**  
Instructions for installing Docker Engine on Ubuntu  
Jul 28 (28 kB)

**docker docs**

# 4.Previous Set Vagrant





# 5. Worked Solution: Vagrant ssh

Slack | tech\_help | SUSE Cloud Native Foundations Scholarship Program

#tech\_help Need help with the course material or facing issues with any of the tools? Ask your tech.

25 Pinned Add a bookmark

AliKaiser.Bangladesh Yesterday at 1:11 PM  
I have just fallen into problem while running "vagrant ssh". It shows password. But, after providing password six times it does not show any connection with the local virtual box. Thanks in advance.

Screenshot (157).png

MOHAMED.ISHAQUES 1:49 PM  
Hey everyone...  
I am not able to use docker after downloading in my system due to libtop is too slow...  
May I know which we can run docker commands in on or any other possible ways to use docker without downloading in my system.  
My laptop is too slow...  
I am not able practice this ...  
Thanks

VarunPatel 2:04 PM  
Hey everyone. My laptop is too slow to handle the load. Can anyone suggest me a cloud platform where i can do it

Send a message to #tech\_help

Slack | tech\_help | SUSE Cloud Native Foundations Scholarship Program

#tech\_help Need help with the course material or facing iss...

25 Pinned Add a bookmark

AliKaiser.Bangladesh Thursday, July 1st 11:11 PM  
I have just fallen into problem while running "vagrant ssh". It shows password. But, after providing password six times it does not show any connection with the local virtual box. Thanks in advance.

Screenshot (157).png

MOHAMED.ISHAQUES 1:49 PM  
Hey everyone...  
I am not able to use docker after downloading in my system due to libtop is too slow...  
May I know which we can run docker commands in on or any other possible ways to use docker without downloading in my system.  
My laptop is too slow...  
I am not able practice this ...  
Thanks

VarunPatel 2:04 PM  
Hey everyone. My laptop is too slow to handle the load. Can anyone suggest me a cloud platform where i can do it

Send a message to #tech\_help



# 6. Vagrant Solution

Slack | tech\_help | SUSE Cloud Native Foundations Scholarship Program

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#tech\_help Need help with the course material or facing iss... 11,980

Thread #tech\_help

drwxrwxrwx 1 alikaiser12 alikaiser12 Thursday, July 1st 16:26 README.md

-rwxrwxrwx 1 alikaiser12 alikaiser12 562 Jul 1 16:26 Vagrantfile

drwxrwxrwx 1 alikaiser12 alikaiser12 4096 Jul 1 16:26 go-helloworld/

drwxrwxrwx 1 alikaiser12 alikaiser12 4096 Jul 1 16:26 manifests/

drwxrwxrwx 1 alikaiser12 alikaiser12 4096 Jul 1 16:26 python-helloworld/

alikaiser12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064\_course\_1/exercises\$ vi Vagrantfile

alikaiser12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064\_course\_1/exercises\$ vagrant version

Command 'vagrant' not found, but can be installed with:

sudo apt install vagrant

alikaiser12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064\_course\_1/exercises\$ sudo apt install vagrant

[sudo] password for alikaiser12:

Reading package lists... Done

Building dependency tree

Reading state information... Done

E: Unable to locate package vagrant (edited)

13 replies Last reply 1 day ago

Send a message to #tech\_help

Slack | tech\_help | SUSE Cloud Native Foundations Scholarship Program

Search SUSE Cloud Native Foundations Scholarship Program

#tech\_help Need help with the course material or facing iss... 11,980

Thread #tech\_help

drwxrwxrwx 1 alikaiser12 alikaiser12 Thursday, July 1st 16:26 README.md

-rwxrwxrwx 1 alikaiser12 alikaiser12 562 Jul 1 16:26 Vagrantfile

drwxrwxrwx 1 alikaiser12 alikaiser12 4096 Jul 1 16:26 go-helloworld/

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drwxrwxrwx 1 alikaiser12 alikaiser12 4096 Jul 1 16:26 python-helloworld/

alikaiser12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064\_course\_1/exercises\$ vi Vagrantfile

alikaiser12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064\_course\_1/exercises\$ vagrant version

Command 'vagrant' not found, but can be installed with:

sudo apt install vagrant

alikaiser12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064\_course\_1/exercises\$ sudo apt install vagrant

[sudo] password for alikaiser12:

Reading package lists... Done

Building dependency tree

Reading state information... Done

E: Unable to locate package vagrant (edited)

13 replies Last reply 1 day ago

Send a message to #tech\_help

documentation:

AlKaiser.Bangladesh 4 days ago

@Ansh for getting it enabled, where should I run the commands mentioned in this documentation. In the ubuntu prompt. What should be the path in my case. I am confused. Can you help me.

Ansh 4 days ago

To enable Windows access, which will also enable the VirtualBox and Hyper-V providers, set the `VAGRANT_WSL_ENABLE_WINDOWS_ACCESS` environment variable:

```
export VAGRANT_WSL_ENABLE_WINDOWS_ACCESS=1
```

Source:

<https://www.vagrantup.com/docs/other/wsl>

Vagrant by HashiCorp

Vagrant and Windows Subsystem for Linux | Vagrant by HashiCorp

An overview of using Vagrant on Windows within the Windows Subsystem for Linux. (12 kB)

## 7. Kind installation Solution

```

alikaier12@DESKTOP-P8DUKSG: /mnt/c/Users/rima/Desktop/nd064_course_1/exercises$ kind create cluster --namespace demo
Command 'kind' not found, did you mean:

command 'kid' from deb python-kid (0.9.6-3build1)
command 'kino' from deb kino (1:3.4~dfsg0-1build1)
command 'kind' from deb kind <4:19.12.3~0ubuntu1>
command 'find' from deb findutils (4.7.0-ubuntu1)
command 'king' from deb king (2:23.161103+dfsg1-3)

Try: sudo apt install <deb name>

alikaier12@DESKTOP-P8DUKSG: /mnt/c/Users/rima/Desktop/nd064_course_1/exercises$ kind create cluster --namespace demo
Command 'kind' not found, did you mean:

command 'kid' from deb python-kid (0.9.6-3build1)
command 'kino' from deb kino (1:3.4~dfsg0-1build1)
command 'kind' from deb kind <4:19.12.3~0ubuntu1>
command 'king' from deb king (2:23.161103+dfsg1-3)
command 'find' from deb findutils (4.7.0-ubuntu1)

Try: sudo apt install <deb name>

alikaier12@DESKTOP-P8DUKSG: /mnt/c/Users/rima/Desktop/nd064_course_1/exercises$ mv ./kind /mnt/c/Users/rima/Desktop/nd064_course_1/exercises
alikaier12@DESKTOP-P8DUKSG: /mnt/c/Users/rima/Desktop/nd064_course_1/exercises$ kind create cluster --namespace demo
Command 'kind' not found, did you mean:

command 'king' from deb king (2:23.161103+dfsg1-3)
command 'find' from deb findutils (4.7.0-ubuntu1)
command 'kino' from deb kino (1:3.4~dfsg0-1build1)
command 'kid' from deb python-kid (0.9.6-3build1)
command 'kind' from deb kind <4:19.12.3~0ubuntu1>

Try: sudo apt install <deb name>

alikaier12@DESKTOP-P8DUKSG: /mnt/c/Users/rima/Desktop/nd064_course_1/exercises$ sudo apt install kind
[sudo] password for alikaier12:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
E: Unable to locate package kind
alikaier12@DESKTOP-P8DUKSG: /mnt/c/Users/rima/Desktop/nd064_course_1/exercises$ kind create cluster --namespace demo
Command 'kind' not found, did you mean:

command 'king' from deb king (2:23.161103+dfsg1-3)
command 'kid' from deb python-kid (0.9.6-3build1)
command 'kind' from deb kind <4:19.12.3~0ubuntu1>
command 'kino' from deb kino (1:3.4~dfsg0-1build1)
command 'find' from deb findutils (4.7.0-ubuntu1)

Try: sudo apt install <deb name>

alikaier12@DESKTOP-P8DUKSG: /mnt/c/Users/rima/Desktop/nd064_course_1/exercises$

```

```
alikaizer12@DESKTOP-P8DUKSG:~/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ cd /mnt/c/Users/rimua/Desktop/nd064_course_1/exercises
alikaizer12@DESKTOP-P8DUKSG:~/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ export aalaaalalalalikaalaaalaaaaaaaaal
alikaizer12@DESKTOP-P8DUKSG:~/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ docker --version
Docker version 20.10.2, build 20.10.2-0ubuntu1~20.04.2
alikaizer12@DESKTOP-P8DUKSG:~/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ ls -la
total 6664
drwxrwxrwx 1 alikaizer12 alikaizer12 4096 Jul 5 11:38 .
drwxrwxrwx 1 alikaizer12 alikaizer12 4096 Jul 1 16:26 ..
drwxrwxrwx 1 alikaizer12 alikaizer12 4096 Jul 3 19:29 vagrant
-rwxrwxrwx 1 alikaizer12 alikaizer12 2 Jul 1 16:26 README.md
-rwxrwxrwx 1 alikaizer12 alikaizer12 562 Jul 1 16:26 Vagrantfile
drwxrwxrwx 1 alikaizer12 alikaizer12 4096 Jul 1 16:26 go-helloworld
-rwxrwxrwx 1 alikaizer12 alikaizer12 6820758 Jul 5 12:45 kind
alikaizer12@DESKTOP-P8DUKSG:~/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ ./kind create cluster --namespace demo
ERROR: unknown flag: --namespace
alikaizer12@DESKTOP-P8DUKSG:~/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ ./kind create cluster --name demo
Creating cluster "demo" ...
Ensuring node image (kindest/node:v1.21.1) [ ]
```



## 8. K3s solution: start minikube

```
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get po -A
[ERROR] Can not find systemd or openrc to use as a process supervisor for k3s
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ sudo k3s server &
[1] 3329
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ sudo k3s kubectl get node
[sudo] password for alikaier12:
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$
```

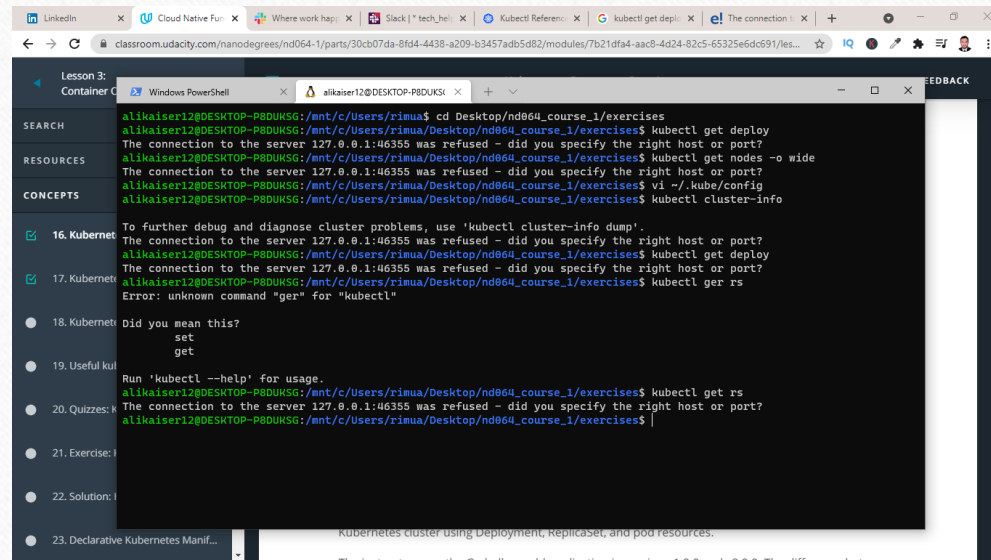
NAMESPACE	NAME	READY	STATUS	RESTARTS	AGE
kube-system	coredns-558bd4d5db-fglqr	1/1	Running	0	3h49m
kube-system	coredns-558bd4d5db-n2tsc	1/1	Running	0	3h49m
kube-system	etcd-demo-control-plane	1/1	Running	0	3h50m
kube-system	kindnet-hbrkp	1/1	Running	0	3h49m
kube-system	kube-apiserver-demo-control-plane	1/1	Running	0	3h50m
kube-system	kube-controller-manager-demo-control-plane	1/1	Running	0	3h50m
kube-system	kube-proxy-wg46z	1/1	Running	0	3h49m
kube-system	kube-scheduler-demo-control-plane	1/1	Running	0	3h50m
local-path-storage	local-path-provisioner-547f784dff-lvgpc	1/1	Running	0	3h49m

```
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ sudo k3s kubectl cluster-info
Kubernetes master is running at https://127.0.0.1:46355
CoreDNS is running at https://127.0.0.1:46355/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy
```

```
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get po -A
[ERROR] Can not find systemd or openrc to use as a process supervisor for k3s
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ sudo k3s server &
[1] 3329
alikaier12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ sudo k3s kubectl g
et node
[sudo] password for alikaier12:
```

NAMESPACE	NAME	READY	STATUS	RESTARTS	AGE
kube-system	coredns-558bd4d5db-fglqr	1/1	Running	0	3h49m
kube-system	coredns-558bd4d5db-n2tsc	1/1	Running	0	3h49m
kube-system	etcd-demo-control-plane	1/1	Running	0	3h50m
kube-system	kindnet-hbrkp	1/1	Running	0	3h49m
kube-system	kube-apiserver-demo-control-plane	1/1	Running	0	3h50m
kube-system	kube-controller-manager-demo-control-plane	1/1	Running	0	3h50m
kube-system	kube-proxy-wg46z	1/1	Running	0	3h49m
kube-system	kube-scheduler-demo-control-plane	1/1	Running	0	3h50m
local-path-storage	local-path-provisioner-547f784dff-lvgpc	1/1	Running	0	3h49m

# 9.Solution: Restart your whole system

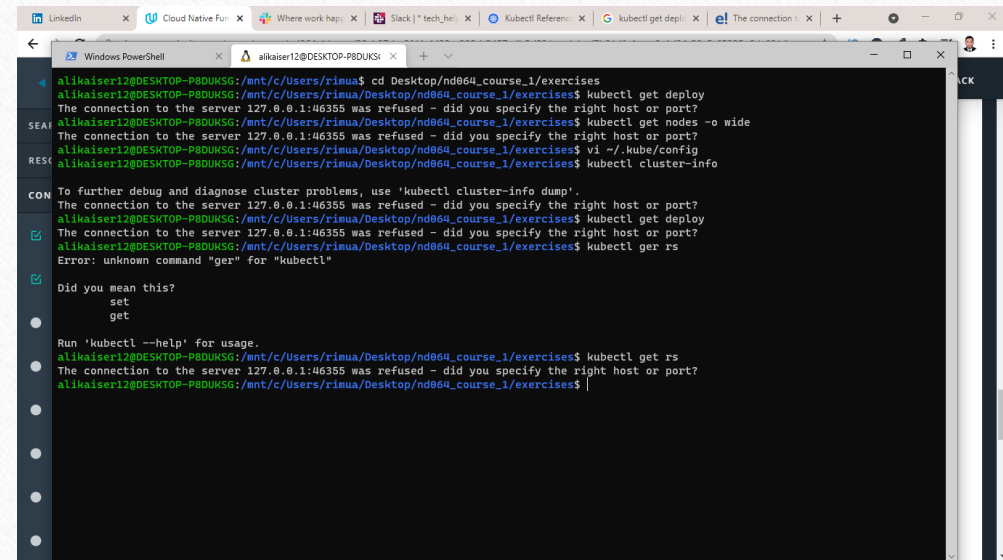


The screenshot shows a Udacity classroom interface with a sidebar on the left containing a search bar and a list of resources. The main area displays a Windows PowerShell terminal window with the following content:

```
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua$ cd Desktop/nd064_course_1/exercises
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get deploy
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get nodes -o wide
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ vi ~/.kube/config
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl cluster-info
To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get deploy
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get rs
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl ger rs
Error: unknown command "ger" for "kubectl"
```

The sidebar on the left contains the following items:

- Lesson 3: Container C...
- SEARCH
- RESOURCES
- CONCEPTS
- 16. Kubernetes
- 17. Kubernetes
- 18. Kubernetes
- 19. Useful k...
- 20. Quizzes: k...
- 21. Exercise: I...
- 22. Solution: I...
- 23. Declarative Kubernetes Manif...



The screenshot shows a Windows PowerShell terminal window with the following content:

```
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua$ cd Desktop/nd064_course_1/exercises
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get deploy
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get nodes -o wide
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ vi ~/.kube/config
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl cluster-info
To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get deploy
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl ger rs
Error: unknown command "ger" for "kubectl"
Did you mean this?
  set
  get
Run 'kubectl --help' for usage.
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$ kubectl get rs
The connection to the server 127.0.0.1:46355 was refused - did you specify the right host or port?
alikaizer12@DESKTOP-P8DUKSG:/mnt/c/Users/rimua/Desktop/nd064_course_1/exercises$
```



Congratulations to all the scholars!!

Go ahead windows users!! :D