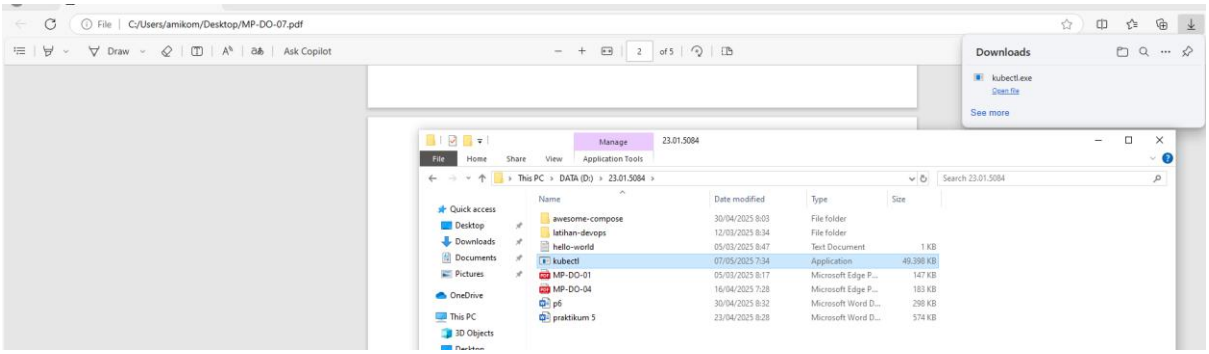
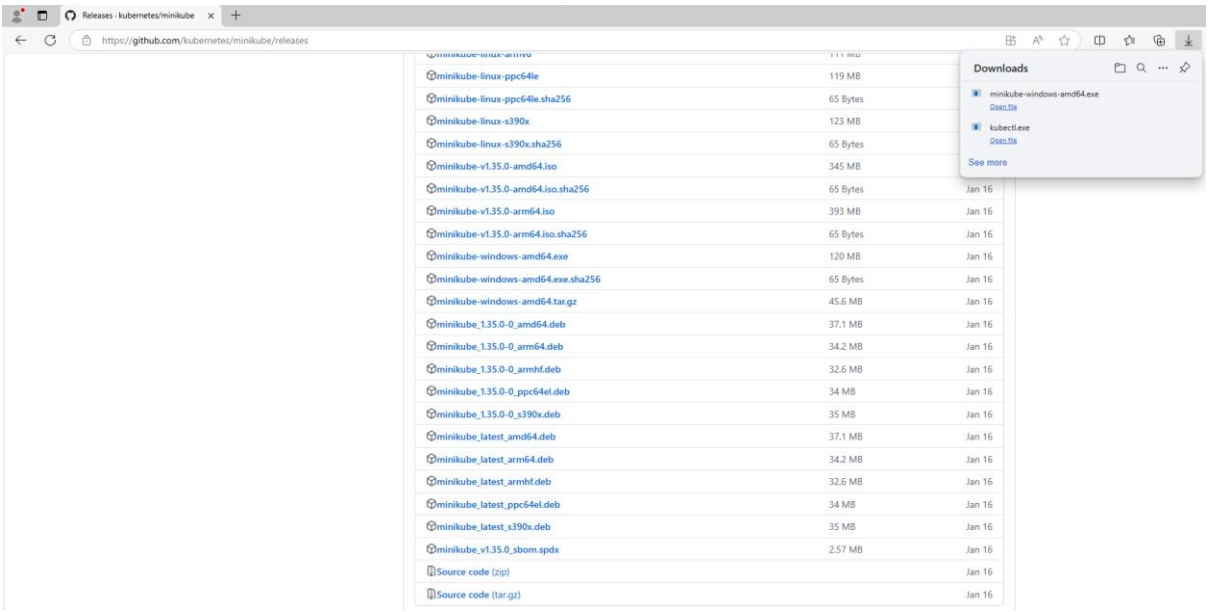
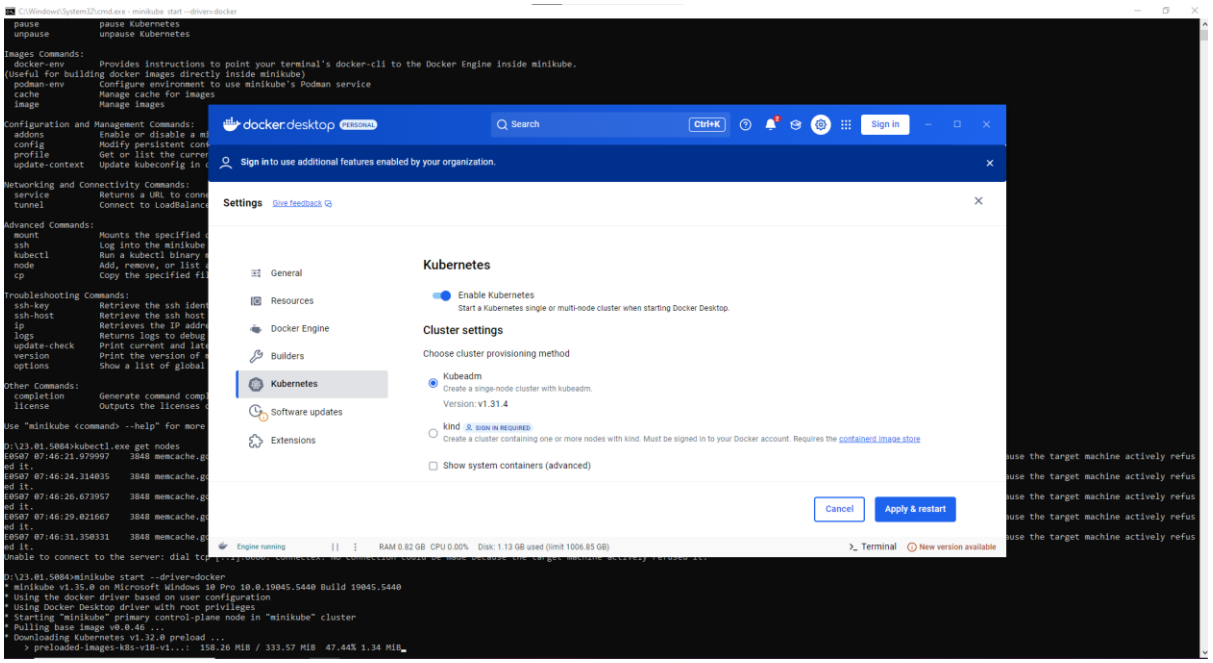

File | C:/Users/amikom/Desktop/MP-DO-07.pdf
Draw
Ask Copilot
2
of 5
Downloads
kubectl.exe
Open file
See more
Manage
23.01.5084
File
Home
Share
View
Application Tools
This PC › DATA (D:) › 23.01.5084 ›
Search 23.01.5084
Quick access
Desktop
Downloads
Documents
Pictures
OneDrive
This PC
3D Objects
Name
Date modified
Type
Size
awesome-compose 30/04/2025 8:03 File folder
latihan-devops 12/03/2025 8:34 File folder
hello-world 05/03/2025 8:47 Text Document 1 KB
kubectl 07/05/2025 7:34 Application 49.398 KB
MP-DO-01 05/03/2025 8:17 Microsoft Edge P... 147 KB
MP-DO-04 16/04/2025 7:28 Microsoft Edge P... 183 KB
p6 30/04/2025 8:32 Microsoft Word D... 298 KB
praktikum 5 23/04/2025 8:28 Microsoft Word D... 574 KB


Releases · kubernetes/minikube
https://github.com/kubernetes/minikube/releases
Downloads
minikube-windows-amd64.exe
Open file
kubectl.exe
Open file
See more
minikube-linux-ppc64le 119 MB
minikube-linux-ppc64le.sha256 65 Bytes
minikube-linux-s390x 123 MB
minikube-linux-s390x.sha256 65 Bytes
minikube-v1.35.0-amd64.iso 345 MB
minikube-v1.35.0-amd64.iso.sha256 65 Bytes Jan 16
minikube-v1.35.0-arm64.iso 393 MB Jan 16
minikube-v1.35.0-arm64.iso.sha256 65 Bytes Jan 16
minikube-windows-amd64.exe 120 MB Jan 16
minikube-windows-amd64.exe.sha256 65 Bytes Jan 16
minikube-windows-amd64.tar.gz 45.6 MB Jan 16
minikube_1.35.0-0_amd64.deb 37.1 MB Jan 16
minikube_1.35.0-0_arm64.deb 34.2 MB Jan 16
minikube_1.35.0-0_armhf.deb 32.6 MB Jan 16
minikube_1.35.0-0_ppc64el.deb 34 MB Jan 16
minikube_1.35.0-0_s390x.deb 35 MB Jan 16
minikube_latest_amd64.deb 37.1 MB Jan 16
minikube_latest_arm64.deb 34.2 MB Jan 16
minikube_latest_armhf.deb 32.6 MB Jan 16
minikube_latest_ppc64el.deb 34 MB Jan 16
minikube_latest_s390x.deb 35 MB Jan 16
minikube_v1.35.0_sbom.spdx 2.57 MB Jan 16
Source code (zip) Jan 16
Source code (tar.gz) Jan 16

C:\Windows\System32\cmd.exe

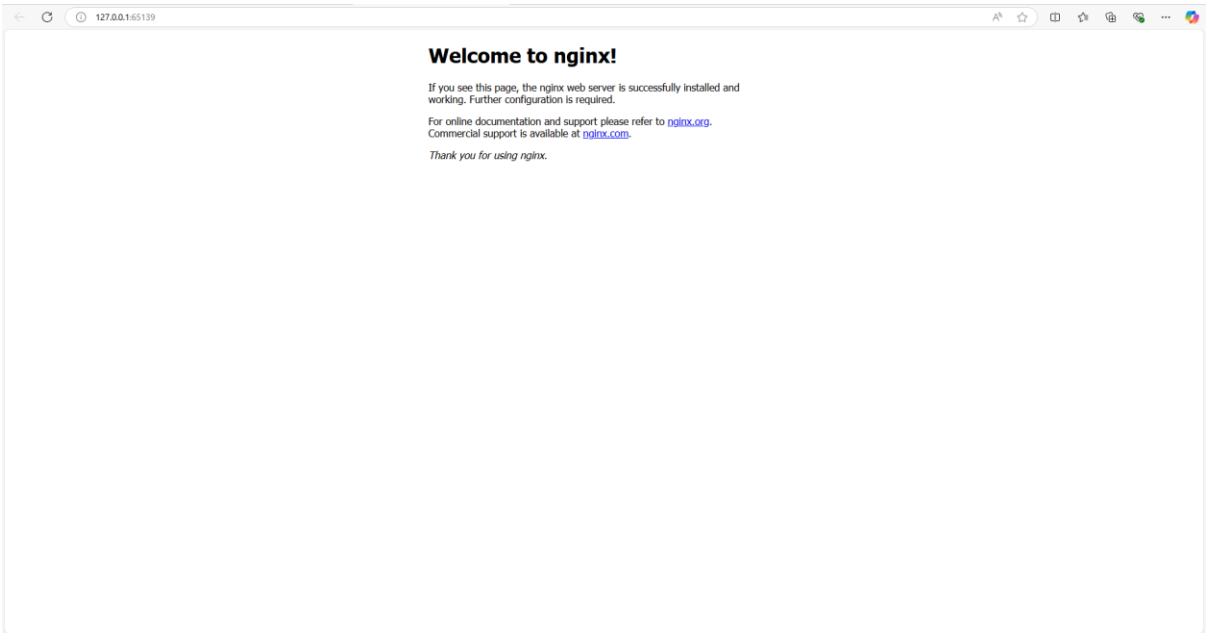
```
Microsoft Windows [Version 10.0.19045.5440]
(c) Microsoft Corporation. All rights reserved.

D:\23.01.5084>minikube.exe
minikube provisions and manages local Kubernetes clusters optimized for development workflows.

Basic Commands:
  start            Starts a local Kubernetes cluster
  status           Gets the status of a local Kubernetes cluster
  stop             Stops a running local Kubernetes cluster
  delete           Deletes a local Kubernetes cluster
  dashboard        Access the Kubernetes dashboard running within the minikube cluster
  pause            pause Kubernetes
  unpause          unpause Kubernetes

Images Commands:
  docker-env       Provides instructions to point your terminal's docker-cli to the Docker Engine inside minikube.
(Useful for building docker images directly inside minikube)
  podman-env       Configure environment to use minikube's Podman service
  cache            Manage cache for images
  image            Manage images

Configuration and Management Commands:
  addons           Enable or disable a minikube addon
  config           Modify persistent configuration values
  profile          Get or list the current profiles (clusters)
  update-context   Update kubeconfig in case of an IP or port change

Networking and Connectivity Commands:
  service          Returns a URL to connect to a service
  tunnel           Connect to LoadBalancer services

Advanced Commands:
  mount            Mounts the specified directory into minikube
  ssh              Log into the minikube environment (for debugging)
  kubectl          Run a kubectl binary matching the cluster version
  node             Add, remove, or list additional nodes
  cp               Copy the specified file into minikube

Troubleshooting Commands:
  ssh-key          Retrieve the ssh identity key path of the specified node
  ssh-host         Retrieve the ssh host key of the specified node
  ip               Retrieves the IP address of the specified node
  logs             Returns logs to debug a local Kubernetes cluster
  update-check     Print current and latest version number
  version          Print the version of minikube
  options          Show a list of global command-line options (applies to all commands).

Other Commands:
  completion       Generate command completion for a shell
  license          Outputs the licenses of dependencies to a directory

Use "minikube <command> --help" for more information about a given command.

D:\23.01.5084>
```

```
Use "minikube <command> --help" for more information about a given command.

D:\23.01.5084>kubectl.exe get nodes
E0507 07:46:21.979997    3848 memcache.go:265] couldn't get current server API group list: Get "http://localhost:8080/api?timeout=32s": dial tcp [::1]:8080: connectex: No connection could be made because the target machine actively refus
ed it.
E0507 07:46:24.314035    3848 memcache.go:265] couldn't get current server API group list: Get "http://localhost:8080/api?timeout=32s": dial tcp [::1]:8080: connectex: No connection could be made because the target machine actively refus
ed it.
E0507 07:46:26.673957    3848 memcache.go:265] couldn't get current server API group list: Get "http://localhost:8080/api?timeout=32s": dial tcp [::1]:8080: connectex: No connection could be made because the target machine actively refus
ed it.
E0507 07:46:29.021667    3848 memcache.go:265] couldn't get current server API group list: Get "http://localhost:8080/api?timeout=32s": dial tcp [::1]:8080: connectex: No connection could be made because the target machine actively refus
ed it.
E0507 07:46:31.350331    3848 memcache.go:265] couldn't get current server API group list: Get "http://localhost:8080/api?timeout=32s": dial tcp [::1]:8080: connectex: No connection could be made because the target machine actively refus
ed it.
Unable to connect to the server: dial tcp [::1]:8080: connectex: No connection could be made because the target machine actively refused it.
```




```
D:\23.01.5084>minikube start --driver=docker
* minikube v1.35.0 on Microsoft Windows 10 Pro 10.0.19045.5440 Build 19045.5440
* Using the docker driver based on user configuration
* Using Docker Desktop driver with root privileges
* Starting "minikube" primary control-plane node in "minikube" cluster
* Pulling base image v0.0.46 ...
* Downloading Kubernetes v1.32.0 preload ...
    > preloaded-images-k8s-v18-v1...:  333.57 MiB / 333.57 MiB  100.00% 1.45 Mi
    > gcr.io/k8s-minikube/kicbase...:  500.31 MiB / 500.31 MiB  100.00% 1.25 Mi
* Creating docker container (CPUs=2, Memory=8100MB) ...
! Failing to connect to https://registry.k8s.io/ from inside the minikube container
* To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/reference/networking/proxy/
* Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
  - Generating certificates and keys ...
  - Booting up control plane ...
  - Configuring RBAC rules ...
* Configuring bridge CNI (Container Networking Interface) ...
* Verifying Kubernetes components...
  - Using image gcr.io/k8s-minikube/storage-provisioner:v5
* Enabled addons: storage-provisioner, default-storageclass
* kubectl not found. If you need it, try: 'minikube kubectl -- get pods -A'
* Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default

D:\23.01.5084>kubectl create deployment web-app --image=nginx
deployment.apps/web-app created
```

```
D:\23.01.5084>kubectl get pods,svc
NAME                           READY   STATUS    RESTARTS   AGE
pod/web-app-6964d6c6c9-r842t   1/1     Running   0          3m29s

NAME                  TYPE        CLUSTER-IP      EXTERNAL-IP   PORT(S)        AGE
service/kubernetes    ClusterIP   10.96.0.1       <none>        443/TCP        26m
service/web-app       NodePort    10.98.198.213   <none>        80:31929/TCP   23s

D:\23.01.5084>minikube service web-app
|-----------|---------|-------------|--------------------------|
| NAMESPACE |  NAME   | TARGET PORT |           URL            |
|-----------|---------|-------------|--------------------------|
| default   | web-app |          80 | http://192.168.49.2:31929 |
|-----------|---------|-------------|--------------------------|
* Starting tunnel for service web-app.
|-----------|---------|-------------|------------------------|
| NAMESPACE |  NAME   | TARGET PORT |          URL           |
|-----------|---------|-------------|------------------------|
| default   | web-app |             | http://127.0.0.1:65139 |
|-----------|---------|-------------|------------------------|
* Opening service default/web-app in default browser...
! Because you are using a Docker driver on windows, the terminal needs to be open to run it.
```


127.0.0.1:65139
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.