

Microsoft Windows [Version 10.0.26100.6899]
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```
C:\Users\sachi>kubectl version  
Client Version: v1.34.1  
Kustomize Version: v5.7.1  
Server Version: v1.34.1
```

```
C:\Users\sachi>
```



26°C

Mostly sunny



Search

ENG
IN08:04
25-10-2025

Microsoft Windows [Version 10.0.26100.6899]
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C:\Users\sachi>kubectl version
Client Version: v1.34.1
Kustomize Version: v5.7.1
Server Version: v1.34.1

C:\Users\sachi>kubectl config get-contexts

| CURRENT | NAME | CLUSTER | AUTHINFO | NAMESPACE |
|---------|----------------|----------------|----------------|-----------|
| * | docker-desktop | docker-desktop | docker-desktop | |

C:\Users\sachi>kubectl config use-context docker-desktop
Switched to context "docker-desktop".

C:\Users\sachi>

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C:\Users\sachi>kubectl version
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C:\Users\sachi>kubectl config use-context docker-desktop
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C:\Users\sachi>kubectl config get-clusters

| NAME |
|----------------|
| docker-desktop |

C:\Users\sachi>

Command Prompt

Microsoft Windows [Version 10.0.26100.6899]
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C:\Users\sachi>kubectl version
Client Version: v1.34.1
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CURRENT NAME CLUSTER AUTHINFO NAMESPACE
* docker-desktop docker-desktop docker-desktop

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Switched to context "docker-desktop".

C:\Users\sachi>kubectl config get-clusters
NAME
docker-desktop

C:\Users\sachi>kubectl cluster-info
Kubernetes control plane is running at https://kubernetes.docker.internal:6443
CoreDNS is running at https://kubernetes.docker.internal:6443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

C:\Users\sachi>kubectl get nodes
NAME STATUS ROLES AGE VERSION
docker-desktop Ready control-plane 16m v1.34.1

C:\Users\sachi>

2

Finance headline
India reported 7...

ENG
IN

08:16
25-10-2025

```
Command Prompt
Microsoft Windows [Version 10.0.26100.6899]
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Client Version: v1.34.1
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CURRENT  NAME          CLUSTER      AUTHINFO      NAMESPACE
*        docker-desktop  docker-desktop  docker-desktop

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Kubernetes control plane is running at https://kubernetes.docker.internal:6443
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To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

C:\Users\sachi>kubectl get nodes
NAME          STATUS    ROLES          AGE   VERSION
docker-desktop  Ready     control-plane  16m   v1.34.1


C:\Users\sachi>kubectl create deployment nginx --image=nginx
deployment.apps/nginx created

C:\Users\sachi>
```




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Partly sunny





Search




ENG

IN










08:23


25-10-2025


 Ask Gordon BETA

 Containers


 Images

 Volumes

 Kubernetes

 Builds

 Models

 MCP Toolkit BETA

 Docker Hub


 Docker Scout

 Extensions

Containers [Give feedback](#)

Container CPU usage 

0.00% / 800% (8 CPUs available)






Container memory usage 

7.57MB / 7.42GB

[Show charts](#)



Only show running containers

| <input type="checkbox"/> | Name | Container ID | Image | Port(s) | CPU (%) | Memory (%) | Actions |
|--------------------------|---|--------------|-----------------------|---------|---------|------------|---|
| <input type="checkbox"/> |  k8s_nginx_nginx | 5cc794ef3fe2 | nginx | | 0% | 100% |     |

Walkthroughs



Multi-container applications


8 mins

\$ docker init

Containerize your application


3 mins

[View more in the Learning center](#)

 Engine running



 RAM 4.06 GB  CPU 28.80%  Disk: 3.39 GB used (limit 1006.85 GB)

 [Update available](#)

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08:30
25-10-2025

Q Search settings

General

Resources

Docker Engine

Builders

AI

Kubernetes

Software updates

General

☐ Start Docker Desktop when you sign in to your computer

☒ Open Docker Dashboard when Docker Desktop starts

Choose theme for Docker Desktop

☐ Light ☐ Dark ☒ Use system settings

Choose container terminal


☒ Integrated ☐ System default

Determines which terminal is launched when opening the terminal from a container.

☐ Enable Docker terminal


Close

Apply

 Engine running

|| :

RAM 4.09 GB CPU 14.51% Disk: 3.39 GB used (limit 1006.85 GB)

>  Update available

2 26°C
Partly sunny



Q Search



ENG
IN



08:31
25-10-2025

Q Search settings

General

Resources

Docker Engine

Builders

AI

Kubernetes

Software updates

Kubernetes



Enable Kubernetes

Start a Kubernetes single or multi-node cluster when starting Docker Desktop.

Cluster



docker-desktop

kubeadm, 1 node, v1.34.1



Running

Started 34 minutes ago

Reset cluster


Cluster settings

Choose cluster provisioning method

Kubeadm

Close

Apply

 Engine running



RAM 4.05 GB CPU 16.58% Disk: 3.39 GB used (limit 1006.85 GB)

Update available

2 26°C
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Q Search



ENG
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Settings [Give feedback](#)

Search settings

General

Resources

Docker Engine

Builders

AI

Kubernetes

Software updates

cmd



All

Web

Apps

Documents

Settings

People

Folders


Photos



2



Best match

 Command Prompt
System


Apps


 Anaconda Prompt


 Git CMD

 Install Additional Tools for
Node.js

Documents - This PC

 cmd - in _distutils






 cmd - in _distutils

 cmd - in _distutils

 test cmd - in tests



Command Prompt
System

-  Open
-  Run as administrator
-  Open file location
-  Pin to Start
-  Pin to taskbar

Reset cluster

Close

Apply

Update available

Engine running

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Command Prompt
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NAME          STATUS    ROLES          AGE   VERSION
docker-desktop  Ready     control-plane   16m   v1.34.1

C:\Users\sachi>kubectl create deployment nginx --image=nginx
deployment.apps/nginx created

C:\Users\sachi>kubectl expose deployment nginx --type=LoadBalancer --port=80
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deployment.apps/nginx created


C:\Users\sachi>kubectl expose deployment nginx --type=LoadBalancer --port=80
service/nginx exposed

C:\Users\sachi>kubectl get pods
NAME READY STATUS RESTARTS AGE
nginx-66686b6766-tl8s2 1/1 Running 0 7m51s


C:\Users\sachi>kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 29m
nginx LoadBalancer 10.107.69.147 localhost 80:31746/TCP 78s


C:\Users\sachi>


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[Show charts](#)



Only show running containers

| <input type="checkbox"/> | Name | Container ID | Image | Port(s) | CPU (%) | Li | Actions |
|--------------------------|--------------------------------|--------------|-----------------------|---------|---------|----|---|
| <input type="checkbox"/> | ● k8s_nginx_nginx | 5cc794ef3fe2 | nginx | | 0% | 11 |     |

Walkthroughs



Multi-container applications


8 mins

\$ docker init

Containerize your application

3 mins

[View more in the Learning center](#)

 Engine running



 RAM 4.05 GB  CPU 19.90%  Disk: 3.39 GB used (limit 1006.85 GB)

 [Update available](#)

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IN



08:32
25-10-2025

Kubernetes control plane is running at https://kubernetes.docker.internal:6443
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To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.

C:\Users\sachi>kubectl get nodes

| NAME | STATUS | ROLES | AGE | VERSION |
|----------------|--------|---------------|-----|---------|
| docker-desktop | Ready | control-plane | 16m | v1.34.1 |

C:\Users\sachi>kubectl create deployment nginx --image=nginx
deployment.apps/nginx created

C:\Users\sachi>kubectl expose deployment nginx --type=LoadBalancer --port=80
service/nginx exposed

C:\Users\sachi>kubectl get pods

| NAME | READY | STATUS | RESTARTS | AGE |
|------------------------|-------|---------|----------|-------|
| nginx-66686b6766-tl8s2 | 1/1 | Running | 0 | 7m51s |

C:\Users\sachi>kubectl get svc

| NAME | TYPE | CLUSTER-IP | EXTERNAL-IP | PORT(S) | AGE |
|------------|--------------|---------------|-------------|--------------|-----|
| kubernetes | ClusterIP | 10.96.0.1 | <none> | 443/TCP | 29m |
| nginx | LoadBalancer | 10.107.69.147 | localhost | 80:31746/TCP | 78s |

C:\Users\sachi>kubectl scale deployment nginx --replicas=3
deployment.apps/nginx scaled

C:\Users\sachi>kubectl get svc

| NAME | TYPE | CLUSTER-IP | EXTERNAL-IP | PORT(S) | AGE |
|------------|--------------|---------------|-------------|--------------|-----|
| kubernetes | ClusterIP | 10.96.0.1 | <none> | 443/TCP | 40m |
| nginx | LoadBalancer | 10.107.69.147 | localhost | 80:31746/TCP | 11m |

C:\Users\sachi>

```
Command Prompt
docker-desktop Ready control-plane 16m v1.34.1

C:\Users\sachi>kubectl create deployment nginx --image=nginx
deployment.apps/nginx created

C:\Users\sachi>kubectl expose deployment nginx --type=LoadBalancer --port=80
service/nginx exposed

C:\Users\sachi>kubectl get pods
NAME READY STATUS RESTARTS AGE
nginx-66686b6766-tl8s2 1/1 Running 0 7m51s

C:\Users\sachi>kubectl get svc
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 29m
nginx LoadBalancer 10.107.69.147 localhost 80:31746/TCP 78s

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deployment.apps/nginx scaled

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NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 40m
nginx LoadBalancer 10.107.69.147 localhost 80:31746/TCP 11m

C:\Users\sachi>kubectl get ns
NAME STATUS AGE
default Active 45m
kube-node-lease Active 45m
kube-public Active 45m
kube-system Active 45m

C:\Users\sachi>
```