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The "docker" driver should not be used with root privileges. #7903

Closed

bhushankumarl opened this issue on Apr 25, 2020 · 8 comments

Labels

co/docker-driver

kind/support

triage/needs-information



bhushankumarl commented on Apr 25, 2020

Steps to reproduce the issue:

```
minikube start --driver=docker
```

1. Execute above command and you will see the error.

Full output of failed command:

```
root@fst-server-3-ubuntu-2gb-fsn1-1:~/faas-netes# minikube start --driver=docker --
alsologtostderr
I0425 09:34:48.887475    24566 notify.go:125] Checking for updates...
I0425 09:34:48.999024    24566 start.go:262] hostinfo: {"hostname":"fst-server-3-ubuntu-
2gb-fsn1-
1", "uptime":147613, "bootTime":1587652475, "procs":176, "os":"linux", "platform":"ubuntu", "platf
96-generic", "virtualizationSystem":""," "virtualizationRole":""," "hostid":"0a8bb66d-63f8-
47b9-b95e-6bb3ce32e001"}
I0425 09:34:48.999713    24566 start.go:272] virtualization:
🐼 minikube v1.9.2 on Ubuntu 18.04
I0425 09:34:49.001356    24566 driver.go:245] Setting default libvirt URI to qemu:///system
🌟 Using the docker driver based on user configuration
I0425 09:34:49.140369    24566 start.go:310] selected driver: docker
I0425 09:34:49.140388    24566 start.go:656] validating driver "docker" against <nil>
I0425 09:34:49.140411    24566 start.go:662] status for docker: {Installed:true
Healthy:true Error:<nil> Fix: Doc:}
I0425 09:34:49.140448    24566 start.go:1100] auto setting extra-config to "kubeadm.pod-
network-cidr=10.244.0.0/16".
🔴 The "docker" driver should not be used with root privileges.
💡 If you are running minikube within a VM, consider using --driver=none:
```

Full output of `minikube start` command used, if not already included:

```
root@fst-server-3-ubuntu-2gb-fsn1-1:~/faas-netes# minikube start
🐳 minikube v1.9.2 on Ubuntu 18.04
🌟 Automatically selected the docker driver
🛑 The "docker" driver should not be used with root privileges.
💡 If you are running minikube within a VM, consider using --driver=none:
📖 https://minikube.sigs.k8s.io/docs/reference/drivers/none/
root@fst-server-3-ubuntu-2gb-fsn1-1:~/faas-netes#
```

**medyagh** commented on Apr 25, 2020 • edited ▾

Member

@bhushankumarl running minikube with root user is not allowed, please create a new user, and run it with that user

make sure add that user to the docker group.

<https://docs.docker.com/engine/install/linux-postinstall/#manage-docker-as-a-non-root-user>



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**medyagh** added `kind/support` `triage/needs-information` labels on Apr 25, 2020**afbjorklund** added the `co/docker-driver` label on Apr 26, 2020**bhushankumarl** commented on May 5, 2020

Author

@medyagh @afbjorklund

Looks working. Thank You.

Here is the fix to make it quick.

Add new User

```
adduser developer
# password@7
```

Login to the newly created User

```
su - developer
# password@7
```

Add User to the Docker Group

```
sudo groupadd docker
sudo usermod -aG docker $USER
- Re-Login or Restart the Server
```

Install Minikube

```
curl -Lo minikube https://storage.googleapis.com/minikube/releases/latest/minikube-linux-
amd64
chmod +x minikube
mv ./minikube /usr/local/bin/minikube
```

Start minikube with Docker Driver

```
minikube start --driver=docker
```

Verify minikube Installation

```
docker ps
```



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bhushankumarl closed this on May 5, 2020



FlorianLudwig mentioned this issue on May 23, 2020

minikube with docker driver run as root not allowed but requires root anyway #8257

🔒 Closed



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**abebe-shadow** commented on Dec 9, 2020 • edited ▼

do not run the "minikube start" command with a root (sudo) privilege.
just run without root privilege.
this worked for me

**lizheray** commented on Jan 18

if you use Linux Desktop OS with docker and minikube already installed, just run

```
sudo usermod -aG docker $USER
```

and restart your computer.
It worked for me.

**mvolfik** commented on Jan 28

I installed minikube as debian package: (from <https://minikube.sigs.k8s.io/docs/start/>)

```
curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube_latest_amd64.deb  
sudo dpkg -i minikube_latest_amd64.deb
```

However, /usr/bin/minikube was set with these permissions:

```
-rwxr-x--- 1 root root 58M led 25 18:40 /usr/bin/minikube*
```

Meaning only root could execute it. I fixed that by `sudo chown :docker /usr/bin/minikube` (allow executing by users in group docker)

**afbjorklund** commented on Jan 28

Contributor

@mvolfik : that is unrelated to this issue, it was just a packaging error with the revision 2 (unfortunately) - it should be 755

 ica10888 commented on Mar 18

I just run command `sudo usermod -aG docker $USER && newgrp docker` on Ubuntu , and it worked.
Could see more details in this document [manage-docker-as-a-non-root-user](#)

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Assignees

No one assigned

Labels

co/docker-driver kind/support triage/needs-information

Projects

None yet

Milestone

No milestone

Linked pull requests

Successfully merging a pull request may close this issue.

None yet

8 participants

