

## docker engine installation

Install Docker on Ubuntu:

```
sudo su -
sudo apt-get remove docker docker-engine docker.io containerd runc
sudo apt-get update
sudo apt-get install -y apt-transport-https ca-certificates curl
gnupg-agent software-properties-common
sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo
apt-key add -
sudo add-apt-repository "deb [arch=amd64] https://download.docker.com
/linux/ubuntu $(lsb_release -cs) stable"
sudo apt-get update
sudo apt-get install -y docker-ce docker-ce-cli containerd.io
```

Test the installation by running a simple container:

```
docker run hello-world
```

```
## FYI Only ## Check Available Version for Install"
apt-cache madison docker-ce | awk '{print $3}'
```

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```

Install Docker on CentOS:

```
sudo yum install -y device-mapper-persistent-data lvm2
sudo yum-config-manager --add-repo https://download.docker.com/linux
/centos/docker-ce.repo
sudo yum install -y docker-ce docker-ce-cli containerd.io
sudo systemctl start docker
sudo systemctl enable docker
```

Test the installation by running a simple container:

```
docker run hello-world
```

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```

Add your user to the docker group, giving the user permission to run docker commands:

```
sudo usermod -aG docker cloud_user
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```