



Placement Empowerment Program
Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 35 : Install Docker Packages and Start Docker Service

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Install Docker Packages and Start Docker Service

Objective :

To install the necessary Docker packages (docker-ce and docker-compose) and start the Docker service on **Server 2**.

Steps Performed :

Step 1: Install Docker Packages

To install the Docker packages, you'll first need to use the yum-config-manager to add the Docker CE stable repository. Then, you can install both docker-ce and docker-compose.

- **sudo yum-config-manager --add-repo <https://download.docker.com/linux/centos/docker-ce.repo>**
- **sudo yum install docker-ce docker-ce-cli containerd.io docker-compose-plugin**

Step 2: Start the Docker Service

After the packages are installed, you need to start and enable the Docker service so it runs automatically on boot.

- **sudo systemctl start docker**
- **sudo systemctl enable docker**

End

00:11

✓

You're done!

CONGRATULATIONS!!!!

You have successfully completed the challenge. Results have been saved. Ref ID: 68078bca399a2462b6cc6687

That might have been an easy task for you. But don't worry. Depending on the tasks you complete, you will get more difficult and advanced tasks assigned in the future.

You can also view your results in your dashboard under the "Active Practice" page.

Terminal 1

Stop Lab

```
[root@stapp02 steve]# systemctl start docker
[root@stapp02 steve]# systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; disabled; preset: disabled)
   Active: active (running) since Tue 2025-09-23 03:43:26 UTC; 14s ago
   TriggeredBy: ● docker.socket
     Docs: https://docs.docker.com
    Main PID: 3417 (dockerd)
      Tasks: 16
     Memory: 22.8M
    CGroup: /docker/168d9000b34f2c165274a7371e7aae58f1ae00bb95f3b887d97f92b7a9a57a24/system.slice/docker.service
            └─3417 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock

Sep 23 03:43:26 stapp02.stratos.xfusioncorp.com dockerd[3417]: time="2025-09-23T03:43:26.223540968Z" level=info msg="Loading containers: done."
Sep 23 03:43:26 stapp02.stratos.xfusioncorp.com dockerd[3417]: time="2025-09-23T03:43:26.250175896Z" level=info msg="Docker daemon" commit=249d679 containerd-snapshotter=false storage-driver=vfs version=28.4.0
Sep 23 03:43:26 stapp02.stratos.xfusioncorp.com dockerd[3417]: time="2025-09-23T03:43:26.250323855Z" level=info msg="Initializing buildkit"
Sep 23 03:43:26 stapp02.stratos.xfusioncorp.com dockerd[3417]: time="2025-09-23T03:43:26.276396044Z" level=info msg="Completed buildkit initialization"
Sep 23 03:43:26 stapp02.stratos.xfusioncorp.com dockerd[3417]: time="2025-09-23T03:43:26.281296867Z" level=info msg="Daemon has completed initialization"
Sep 23 03:43:26 stapp02.stratos.xfusioncorp.com dockerd[3417]: time="2025-09-23T03:43:26.281353972Z" level=info msg="API listen on /run/docker.sock"
Sep 23 03:43:26 stapp02.stratos.xfusioncorp.com systemd[1]: docker.service: Got notificat
```

✓

Congrats!

You have completed the task successfully.

100 Days of DevOps

Day 35: Install Docker Packages and Start ...

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Share your success card