



St. JOSEPH'S
GROUP OF INSTITUTIONS
OMR, CHENNAI - 119



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**

The screenshot shows a terminal window titled "Terminal 1" with the command `systemctl start docker` and its output. The output indicates that the Docker service is active and running. Below the terminal is a success message from the platform.

```
[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=249dd79 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="2025-09-23T03:43:26.276396844Z" 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 notification
```

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.

A green success card with a checkmark icon and the text "Congrats! You have completed the task successfully." Below the card, it says "100 Days of DevOps" and "Day 35: Install Docker Packages and Start ...". It also shows progress metrics: 30 coins and 300 points, and a "Share your success card" button.

Congrats!

You have completed the task successfully.

100 Days of DevOps

Day 35: Install Docker Packages and Start ...

30 ⚡ 300 💎

Share your success card