



Placement Empowerment Program
Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 37 : Copy File to Docker Container

Name: Monisha J R

Department: CSE



Copy File to Docker Container

Objective :

To securely copy an encrypted file named **nautilus.txt.gpg** from the host machine's /tmp directory into the /opt/ directory of a running Docker container named **ubuntu_latest** on **Application Server 3**.

Steps Performed :

- ❑ **Access the Host Server:** Log in to Application Server 3.
 - **ssh banner@stapp03**
- ❑ **Copy the File:** Use the docker cp command to copy the file from the host's /tmp directory into the specified container directory.
- ❑ **Verify the File:** Execute a command inside the container to confirm the file has been successfully copied and is present in the /opt directory.

The screenshot shows a challenge completion screen on the left and a terminal window on the right.


Challenge Completion Screen:


- Top: "End" button, timer "00:11", "Terminal 1" tab, "Stop Lab" button.
- Center: A green checkmark inside a circle with the text "You're done!" below it.
- Text: "CONGRATULATIONS!!!!"
- Text: "You have successfully completed the challenge. Results have been saved. Ref ID: 6809dfb783720aedcc71f42b"
- Text: "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."
- Text: "You can also view your results in your dashboard under the 'Active Practice' page."
- Bottom: A sidebar with icons for home, search, tasks, and a profile icon labeled "MUR".

Terminal Window:

```
thor@jumhost ~$ ssh banner@stapp03
The authenticity of host 'stapp03 (172.16.238.12)' can't be established.
ED25519 key fingerprint is SHA256:Y+JIT2kfHyHTWbXnKgv72Q2sEcsZMKTjyR96m/Kypqo.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'stapp03' (ED25519) to the list of known hosts.
banner@stapp03's password:
[banner@stapp03 ~]$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS        NAMES
9c443b322545   ubuntu   "/bin/bash"             48 seconds ago Up 46 seconds        ubuntu_
latest
[banner@stapp03 ~]$ docker cp /tmp/nautilus.txt.gpg ubuntu_latest:/opt/
Successfully copied 2.05kB to ubuntu_latest:/opt/
[banner@stapp03 ~]$ docker exec -it ubuntu_latest /bin/bash
root@9c443b322545:/# cd /opt/
root@9c443b322545:/opt# ls
nautilus.txt.gpg
root@9c443b322545:/opt#
```


A "Feedback" button is visible in the bottom right corner of the terminal window.






Congrats!


You have completed the task successfully.





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DevOps**

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30 

300 

 Share your success card