Placement Empowerment Program

Cloud Computing and DevOps Centre

100 Days of DevOps Challenge

Day 18 :   Configure LAMP server

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Configure LAMP server

Objective :

To fix this, you need to open the port on the firewall and then restart the service. You must perform these steps on all three app servers: **stapp01**, **stapp02**, and **stapp03**.

Steps Performed :

1. **SSH into the database server :**
   - ssh peter@stdb01

2. **Switch to the postgres user :**
   - sudo mysql

3. **Open Mariadb shell :**
   - mariadb

4. **Create the user with password :**
   - CREATE USER kodekloud_gem WITH PASSWORD 'B4zNgHA7Ya';

5. **Create the database :**
   - CREATE DATABASE kodekloud_db7;

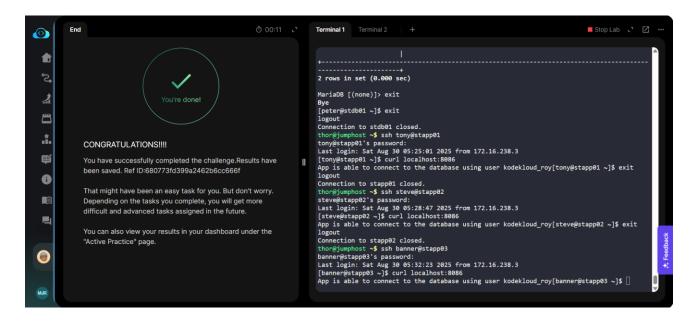6. **Grant privileges on the database to the user :**
   - GRANT ALL PRIVILEGES ON DATABASE kodekloud_db7 TO kodekloud_gem;

7. **Verify the setup**
   - curl localhost:your_port_number

8. **Exit mariadb shell :**
   - Exit

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                    |
+----------------------+
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2 rows in set (0.000 sec)

MariaDB [(none)]> exit
Bye
[peter@stdb01 ~]$ exit
logout
Connection to stdb01 closed.
thor@jumphost ~$ ssh tony@stapp01
tony@stapp01's password:
Last login: Sat Aug 30 05:25:01 2025 from 172.16.238.3
[tony@stapp01 ~]$ curl localhost:8086
App is able to connect to the database using user kodekloud_roy[tony@stapp01 ~]$ exit
logout
Connection to stapp01 closed.
thor@jumphost ~$ ssh steve@stapp02
steve@stapp02's password:
Last login: Sat Aug 30 05:28:47 2025 from 172.16.238.3
[steve@stapp02 ~]$ curl localhost:8086
App is able to connect to the database using user kodekloud_roy[steve@stapp02 ~]$ exit
logout
Connection to stapp02 closed.
thor@jumphost ~$ ssh banner@stapp03
banner@stapp03's password:
Last login: Sat Aug 30 05:32:23 2025 from 172.16.238.3
[banner@stapp03 ~]$ curl localhost:8086
App is able to connect to the database using user kodekloud_roy[banner@stapp03 ~]$
```

You're done!

CONGRATULATIONS!!!!

You have successfully completed the challenge.Results have been saved. Ref ID:680773fd399a2462b6cc666f

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.

80-port-jdn2t74ne6iyahmj.labs.kodekloud.com

App is able to connect to the database using user kodekloud_roy

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Congrats!

You have completed the task successfully.

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