

docker-compose up -d

```
root@kh-gb:/home/kh/sens# docker compose up -f compose.yaml -d
unknown shorthand flag: 'f' in -f
root@kh-gb:/home/kh/sens# docker-compose -f compose.yaml up -d
WARNING: The Docker Engine you're using is running in swarm mode.

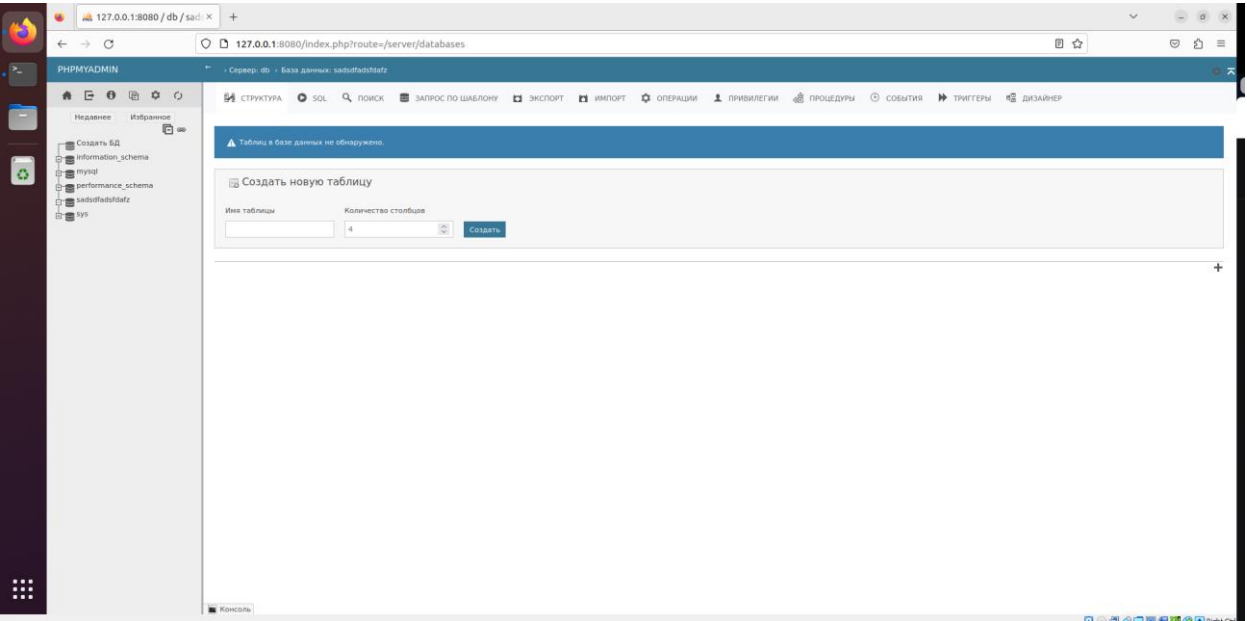
Compose does not use swarm mode to deploy services to multiple nodes in a swarm. All containers will be scheduled on the current node.
To deploy your application across the swarm, use 'docker stack deploy'.

Creating network "sens_default" with the default driver
Creating sens_admin_1 ... done
Creating sens_db_1 ... done
root@kh-gb:/home/kh/sens# docker-compose down
Stopping sens_admin_1 ... done
Stopping sens_db_1 ... done
Removing sens_admin_1 ... done
Removing sens_db_1 ... done
Removing network sens_default
root@kh-gb:/home/kh/sens# nano compose.yaml
root@kh-gb:/home/kh/sens# docker-compose -f compose.yaml up -d
WARNING: The Docker Engine you're using is running in swarm mode.

Compose does not use swarm mode to deploy services to multiple nodes in a swarm. All containers will be scheduled on the current node.
To deploy your application across the swarm, use 'docker stack deploy'.

Creating network "sens_default" with the default driver
Creating sens_db_1 ... done
Creating sens_admin_1 ... done
root@kh-gb:/home/kh/sens# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
9833adad1971	phpmyadmin/phpmyadmin	"/docker-entrypoint..."	7 seconds ago	Up 5 seconds	0.0.0.0:8080->80/tcp, :::8080->80/tcp	sens_admin_1
0e54064ae001	mysql:8.0.31	"docker-entrypoint.s..."	7 seconds ago	Up 5 seconds	3306/tcp, 33060/tcp	sens_db_1
798bdc51b10b	ubuntu:22.10	"/bin/bash"	7 days ago	Exited (127) 7 days ago		gb-test



```
root@kh-gb: /home/kh/sems
Stopping sem5_admin_1 ... done
Stopping sem5_db_1 ... done
Removing sem5_admin_1 ... done
Removing sem5_db_1 ... done
Removing network sem5_default
root@kh-gb:/home/kh/sems# nano compose.yaml
root@kh-gb:/home/kh/sems# docker-compose -f compose.yaml up -d
WARNING: The Docker Engine you're using is running in swarm mode.

Compose does not use swarm mode to deploy services to multiple nodes in a swarm. All containers will be scheduled on the current node.

To deploy your application across the swarm, use 'docker stack deploy'.

Creating network "sems_default" with the default driver
Creating sem5_db_1 ... done
Creating sem5_admin_1 ... done
root@kh-gb:/home/kh/sems# docker ps -a
CONTAINER ID   IMAGE                COMMAND                  CREATED        STATUS        PORTS                    NAMES
9833adad1971   phpmyadmin/phpmyadmin  "/docker-entrypoint..." 7 seconds ago  Up 5 seconds  0.0.0.0:8080->80/tcp, :::8080->80/tcp  sem5_admin_1
0e54064ae001   mysql:8.0.31         "/docker-entrypoint.s..." 7 seconds ago  Up 5 seconds  3306/tcp, 33060/tcp      sem5_db_1
798bd5c3b100   ubuntu:22.10         "/bin/bash"              7 days ago    Exited (127) 7 days ago                                gb-test
root@kh-gb:/home/kh/sems# docker exec -it sem5_db_1 bash
bash-4.4# mysql -u root -ptest123;
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 32
Server version: 8.0.31 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| sadsdfadsfdafz |
| sys |
+-----+
5 rows in set (0.00 sec)

mysql>
```

89.108.88.51 (root)

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)

User sessions

194.67.65.146 (root)

89.108.88.51 (root)

89.108.99.18 (root)

95.163.240.53 (root)

root@95-163-240-53:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

root@95-163-240-53:~# docker swarm init

Swarm initialized: current node (u30kqt6iean9ip7xfesudda) is now a manager.

To add a worker to this swarm, run the following command:

docker swarm join --token SWMTKN-1-5zcrqo2osfjwk4nola2d38qt1jnt285cdy2f0mb67bur3lw2l-e08tyrhe2dtpv17jez4ded54 95.163.240.53:2377

To add a manager to this swarm, run 'docker swarm join-token manager' and follow the instructions.

root@95-163-240-53:~# docker node ls

ID HOSTNAME STATUS AVAILABILITY MANA

GER STATUS ENGINE VERSION

x0djvuf0jgnk4huj1axzsup 89-108-88-51.cloudvps.regruhosting.ru Ready Active

uffig2c64r51mh67k1q38k6 89-108-99-18.cloudvps.regruhosting.ru Ready Active

u30kqt6iean9ip7xfesudda * 95-163-240-53.cloudvps.regruhosting.ru Ready Active Lead

er 24.0.2

c888sorf35qgshaj562um2 194-67-65-146.cloudvps.regruhosting.ru Ready Active

24.0.2

root@95-163-240-53:~#

Exclude "95.163.240.53 (root)" from MJUIExec mode

root@89-108-99-18:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

root@89-108-99-18:~# docker swarm join --token SWMTKN-1-5zcrqo2osfjwk4nola2d38qt1jnt285cdy2f0mb67bur3lw2l-e08tyrhe2dtpv17jez4ded54 95.163.240.53:2377

This node joined a swarm as a worker.

root@89-108-99-18:~#

Exclude "89.108.99.18 (root)" from MJUIExec mode

root@89-108-88-51:~# docker ps -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

root@89-108-88-51:~# docker swarm join --token SWMTKN-1-5zcrqo2osfjwk4nola2d38qt1jnt285cdy2f0mb67bur3lw2l-e08tyrhe2dtpv17jez4ded54 95.163.240.53:2377

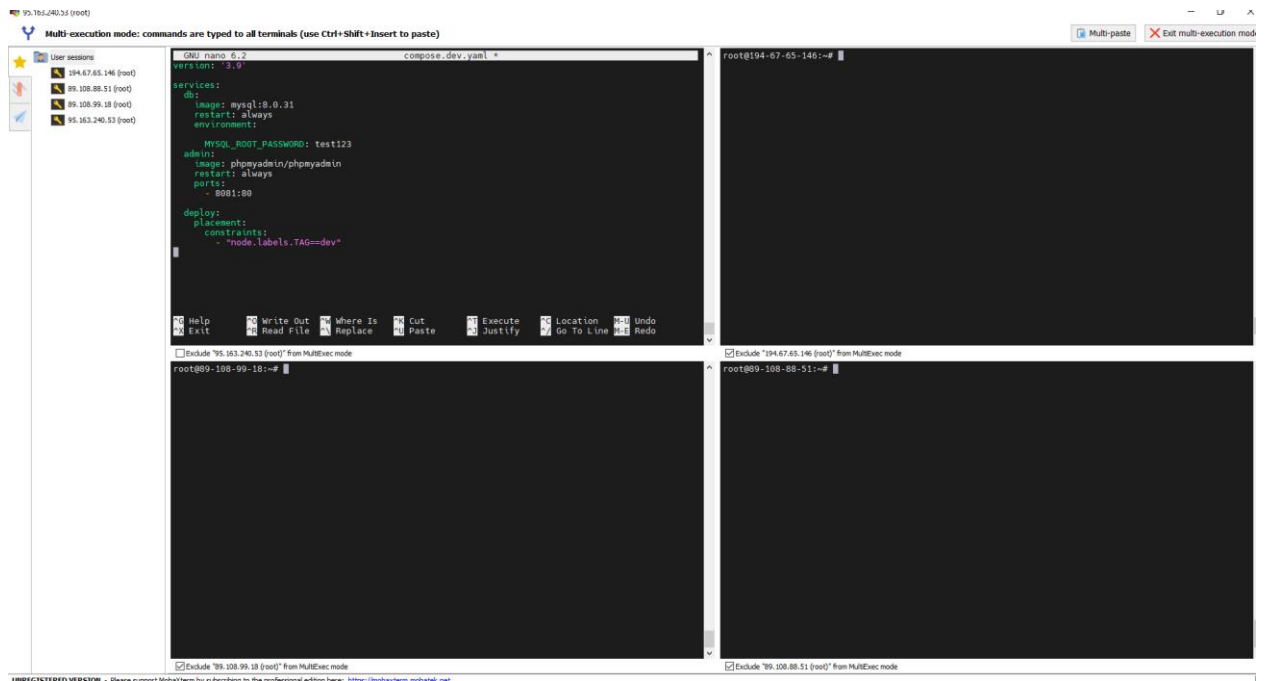
This node joined a swarm as a worker.

root@89-108-88-51:~#

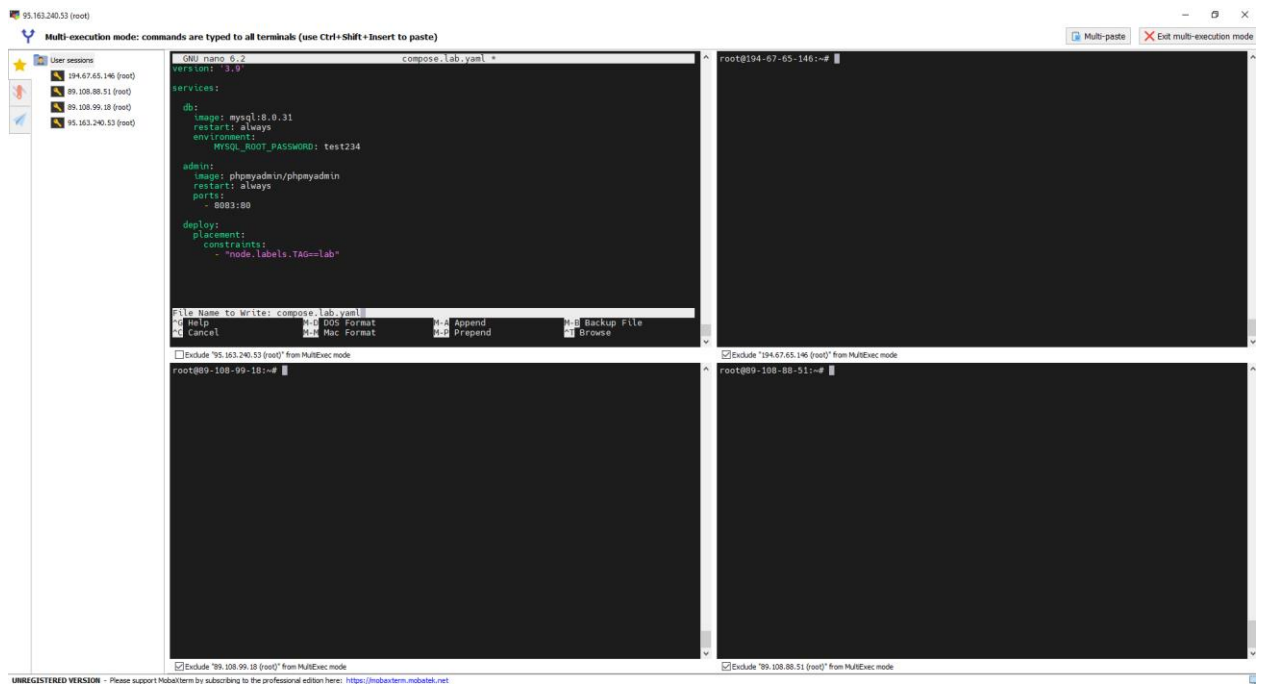
Exclude "89.108.88-51 (root)" from MJUIExec mode

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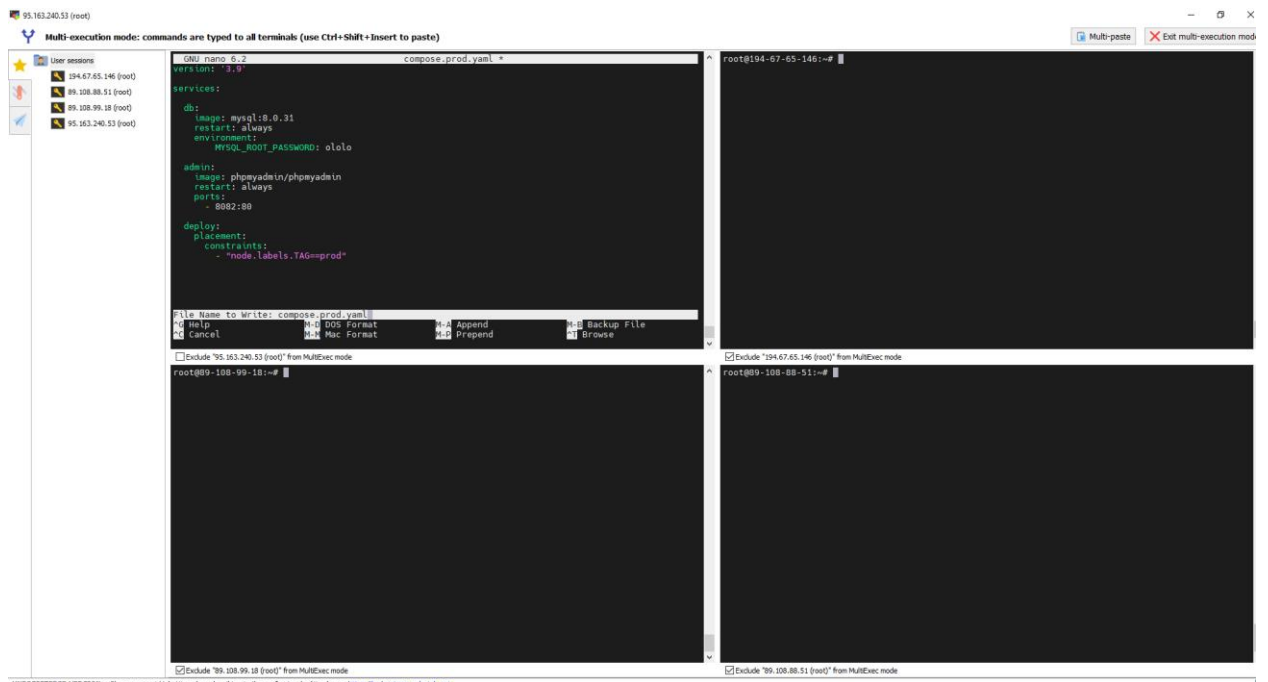
Для окружения dev



Для окружения lab



Для окружения prod

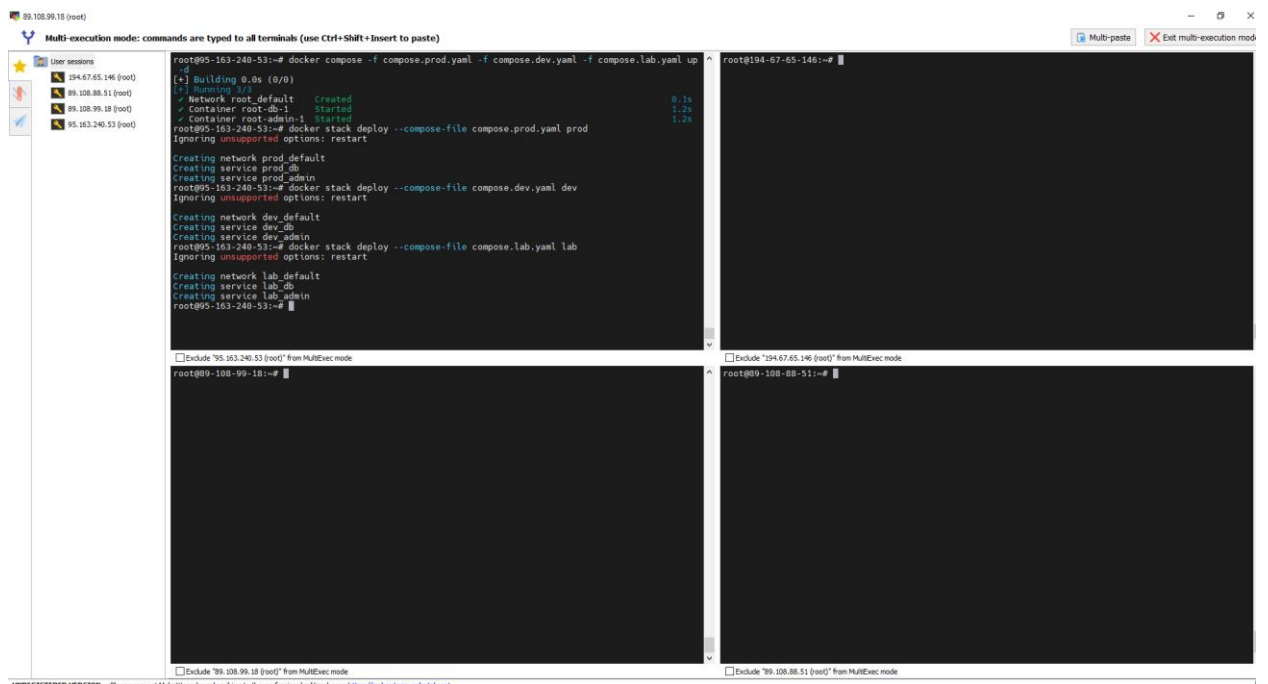


`docker compose -f compose.prod.yaml -f compose.dev.yaml -f compose.lab.yaml up -d`

`docker stack deploy --compose-file <compose.dev.yaml> dev`

`docker stack deploy --compose-file <compose.prod.yaml> prod`

`docker stack deploy --compose-file <compose.lab.yaml> lab`



`docker exec -it <имя контейнера в группе> bash`

`mysql -u <имя юзвера> -p<пароль>`

89.108.99.18 (root)

Multi-execution mode: commands are typed to all terminals (use Ctrl+Shift+Insert to paste)

- User sessions
- 194.67.65.146 (root)
 - 89.108.88.51 (root)
 - 89.108.99.18 (root)
 - 95.163.240.53 (root)

```
root@95-163-240-53:~# docker stack deploy --compose-file compose.prod.yaml prod
Ignoring unsupported options: restart
Creating network prod_default
Creating service prod_db
Creating service prod_admin
root@95-163-240-53:~# docker stack deploy --compose-file compose.dev.yaml dev
Ignoring unsupported options: restart
Creating network dev_default
Creating service dev_db
Creating service dev_admin
root@95-163-240-53:~# docker stack deploy --compose-file compose.lab.yaml lab
Ignoring unsupported options: restart
Creating network lab_default
Creating service lab_db
Creating service lab_admin
root@95-163-240-53:~# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
83d914049bf6	phpmyadmin/phpmyadmin	"/docker-entrypoint..."	54 seconds ago	Up 52 seconds	0.0.0.0:8081->80/tcp, 0.0.0.0:8082->80/tcp, 0.0.0.0:8083->80/tcp, :::8081->80/tcp, :::8082->80/tcp, :::8083->80/tcp
ea556984f8a0	mysql:8.0.31	"docker-entrypoint.s..."	54 seconds ago	Up 52 seconds	3306/tcp, 33060/tcp

```
root@95-163-240-53:~#
```

☐ Exclude "95.163.240.53 (root)" from MultiExec mode

```
root@89-108-99-18:~# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
d2451d481dc	phpmyadmin/phpmyadmin:latest	"/docker-entrypoint..."	41 seconds ago	Up 39 second	80/tcp
4399d5d5209a	mysql:8.0.31	"docker-entrypoint.s..."	43 seconds ago	Up 41 second	3306/tcp, 33060/tcp

```
root@89-108-99-18:~# docker exec -it prod_db.1:j5b1zkd4y0i1f567avx0ls bash
bash-4.4# mysql -u root -ptest123;
mysql: [Warning] Using a password on the command line interface can be insecure.
ERROR 1045 (28000): Access denied for user 'root@'localhost' (using password: YES)
bash-4.4# mysql -u root -ptest1234;
mysql: [Warning] Using a password on the command line interface can be insecure.
ERROR 1045 (28000): Access denied for user 'root@'localhost' (using password: YES)
bash-4.4# mysql -u root -ppolo1o;
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

☐ Exclude "89.108.99.18 (root)" from MultiExec mode

```
root@194-67-65-146:~# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
24595e43e793	mysql:8.0.31	"docker-entrypoint.s..."	4 seconds ago	Up 3 seconds	3306/tcp, 33060/tcp
ca18f7eaa4d4	phpmyadmin/phpmyadmin:latest	"/docker-entrypoint..."	18 seconds ago	Up 16 second	80/tcp

```
root@194-67-65-146:~# docker exec -it lab_db.1:y85o51uzzxz2etuy0a4yk bash
bash-4.4# mysql -u root -ptest123;
mysql: [Warning] Using a password on the command line interface can be insecure.
ERROR 1045 (28000): Access denied for user 'root@'localhost' (using password: YES)
bash-4.4# mysql -u root -ptest234;
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

☐ Exclude "194.67.65.146 (root)" from MultiExec mode

```
root@89-108-88-51:~# docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
4417eac0d774	phpmyadmin/phpmyadmin:latest	"/docker-entrypoint..."	29 seconds ago	Up 27 second	80/tcp
15a5d0ff194f	mysql:8.0.31	"docker-entrypoint.s..."	31 seconds ago	Up 29 second	3306/tcp, 33060/tcp

```
root@89-108-88-51:~# docker exec -it dev_db.1:sce7j1xpj15ampjd1su38xql bash
bash-4.4# mysql -u root -ptest123;
mysql: [Warning] Using a password on the command line interface can be insecure.
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

☐ Exclude "89.108.88.51 (root)" from MultiExec mode

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