

Mariadb Log ????

????

```
$> cat /dev/null > /var/log/mysql.log
$> mysqladmin -uroot -p flush-logs
```

?? logrotate ??????

1. ?? /etc/logrotate.d/mariadb?

```
/var/log/mariadb/*.log {
    create 660 mysql mysql
    notifempty
    daily
    rotate 5
    missingok
    minsize 1M
    maxsize 100M
    compress
    delaycompress
    sharedscripts
    olddir archive/
    createolddir 770 mysql mysql
    postrotate
        # just if mysqld is really running
        if test -x /usr/bin/mysqladmin && \
            /usr/bin/mysqladmin ping &>/dev/null
        then
            /usr/bin/mysqladmin flush-logs
        fi
    endscript
}
```

2. ?? mysql ????????

```
$> vi ~/.my.cnf

[mysqladmin]
user          = root
password     = YourPass
```

```
$> chmod 0600 ~/.my.cnf
```

????

```
mysql> show processlist;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+
| Id | User | Host          | db    | Command | Time | State | Info          |
+-----+-----+-----+-----+-----+-----+-----+-----+
| 3 | root | localhost    | webapp | Query   | 0    | NULL  | show processlist |
| 5 | root | localhost:61704 | webapp | Sleep   | 208  |      | NULL          |
| 6 | root | localhost:61705 | webapp | Sleep   | 208  |      | NULL          |
| 7 | root | localhost:61706 | webapp | Sleep   | 208  |      | NULL          |
+-----+-----+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> show status like '%onn%';
```

```
+-----+-----+
| Variable_name | Value |
+-----+-----+
| Aborted_connects | 0 |
| Connections | 8 |
| Max_used_connections | 4 |
| Ssl_client_connects | 0 |
| Ssl_connect_renegotiates | 0 |
| Ssl_finished_connects | 0 |
| Threads_connected | 4 | << active connections
+-----+-----+
7 rows in set (0.00 sec)
```

Connect with unix socket

```
# Locate the unix socket file
mysql -uroot -p -e "show variables like 'socket'"
Enter password:
+-----+-----+
| Variable_name | Value |
+-----+-----+
| socket        | /var/lib/mysql/mysql.sock |
+-----+-----+
```

```
# Connect to DB without password via unix socket
mysql -S /var/lib/mysql/mysql.sock -u root
```

User Management

??????

```
-- List All users
select host,user from mysql.user;

-- Check the privileges for specified user
SHOW GRANTS FOR 'user'@'host';
SHOW GRANTS FOR 'admin'@'%';
SHOW GRANTS FOR 'vivek'@'10.147.164.0/255.255.255.0';
```

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1. **Data USAGE privileges** includes: SELECT, INSERT, UPDATE, DELETE, and FILE
2. **Structure privileges** includes: CREATE, ALTER, INDEX, DROP, CREATE TEMPORARY TABLES, SHOW VIEW, CREATE ROUTINE, ALTER ROUTINE, EXECUTE, CREATE VIEW, EVENT, and TRIGGER
3. **Administration privileges** includes: GRANT, SUPER, PROCESS, RELOAD, SHUTDOWN, SHOW DATABASES, LOCK TABLES, REFERENCES, REPLICATION CLIENT, REPLICATION SLAVE, and CREATE USER
4. **SSL privileges** includes: REQUIRE NONE, REQUIRE SSL, REQUIRE X509
5. **ALL PRIVILEGES**: Shortcut to grants all privileges to a mysql user account.

???? superuser ??

```
CREATE USER 'admin'@%' IDENTIFIED BY 'the_secure_password';
-- Or
CREATE USER 'admin'@'10.147.164.0/255.255.255.0' IDENTIFIED BY 'the_secure_password';

GRANT ALL PRIVILEGES ON *.* TO 'admin'@'%';
-- Or
GRANT ALL PRIVILEGES ON *.* TO 'admin'@'10.147.164.0/255.255.255.0';
```

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```
CREATE USER 'appuser'@'localhost' IDENTIFIED BY 'thisissecurity';
```

```
-- For all tables
GRANT ALL PRIVILEGES ON dbname.* TO 'appuser'@'localhost';

-- For Specified table
GRANT ALL PRIVILEGES ON dbname.tablename TO 'appuser'@'localhost';
```

??????? DDL

```
SHOW CREATE USER admin;
SHOW CREATE USER vivek;
```

????

```
REVOKE ALL PRIVILEGES ON *.* FROM 'user'@'%';
```

Table Management

Table's DDL

```
show create table <table_name>;
```

Copy Table without data

```
create table new-table like old-table;
```

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