

# How to Install and Run tuning-primer?

written by sysadmin | 20 December 2025

[The previous article](#) explained the mysqltuner script to provide recommendations to increase MariaDB performance. This article will explain the primary-tuning script, which is an alternative or may also be an addition to providing recommendations for MariaDB.

## **Problem**

How to install and run tuning-primer?

## **Solution**

The primary-tuning script was created by Matthew Montgomery using a bash script to provide recommendations against a MySQL/MariaDB database. This script takes information from "SHOW STATUS LIKE..." and "SHOW VARIABLES LIKE..." to produce recommendations for tuning server variables. To download this script, use the command below:

```
git clone https://github.com/mattiabasone/tuning-primer.git
```

Go to the primary-tuning folder and permit so that the script can be run:

```
chmod +x tuning-primary.sh
```

Then, run the command below to run the primary-tuning script:

```
./tuning-primer.sh
```

There will be a display like the image below:

```
sysadmin@ubuntu2404:~/tuning-primer$ ./tuning-primer.sh
./tuning-primer.sh: 1482: netstat: not found
./tuning-primer.sh: 1483: netstat: not found

Using login values from ~/.my.cnf
- INITIAL LOGIN ATTEMPT FAILED -
Testing for stored webmin passwords:
  None Found
Could not auto detect login info!
Found potential sockets:
Using: /var/run/mysqld/mysqld.sock
Would you like to provide a different socket?: [y/N] █
```



Run tuning-primer script

Press **Enter**, then you have to enter your username and password so that this script can access your MariaDB database, as in the image below:

```
Do you have your login handy ? [y/N] : y
User: root
Password: qwerty

Would you like me to create a ~/.my.cnf file for you? [y/N] :
```



Enter username and password

### Warning

This script writes the password clearly, so you have to be careful when using this script.

After that, the script will display recommendations as in the image below:

```
-- MYSQL PERFORMANCE TUNING PRIMER --  
- By: Matthew Montgomery -
```

```
MySQL Version 10.11.13-MariaDB-0ubuntu0.24.04.1 x86_64
```

```
Uptime = 0 days 1 hrs 41 min 2 sec
```

```
Avg. qps = 14
```

```
Total Questions = 88210
```

```
Threads Connected = 33
```

```
Warning: Server has not been running for at least 48hrs.  
It may not be safe to use these recommendations
```

```
To find out more information on how each of these  
runtime variables effects performance visit:
```

```
http://dev.mysql.com/doc/refman/10.11/en/server-system-variables.html
```

```
Visit http://www.mysql.com/products/enterprise/advisors.html
```

```
for info about MySQL's Enterprise Monitoring and Advisory Service
```

#### SLOW QUERIES

```
The slow query log is NOT enabled.
```

```
Current long_query_time = 10.000000 sec.
```

```
You have 0 out of 88224 that take longer than 10.000000 sec. to complete
```

```
Your long_query_time seems to be fine
```

#### BINARY UPDATE LOG

```
The binary update log is NOT enabled.
```

```
You will not be able to do point in time recovery
```

```
See http://dev.mysql.com/doc/refman/10.11/en/point-in-time-recovery.html
```

#### WORKER THREADS

```
Current thread_cache_size = 151
```

```
Current threads_cached = 0
```

```
Current threads_per_sec = 0
```

```
Historic threads_per_sec = 0
```

```
Your thread_cache_size is fine
```



tuning-primer script result display

## Note

Because this script was created in 2018 and there has been no update, there are several errors that occur where on lines 1482 and 1483 (see first image) in the netstat command where at this time (November 2025), the netstat command has

been changed to **ss** and also the password is written as plain text which is very dangerous if known by the unauthorized user.

## References

[linuxblog.io](https://linuxblog.io)  
[github.com](https://github.com)