

MySQL - my.cnf Tweaking

```
performance_schema = ON
tmpdir = /run/mariadb
thread_cache_size = 4
table_open_cache = 16384
table_definition_cache = 8384
sql_mode = ERROR_FOR_DIVISION_BY_ZERO,NO_AUTO_CREATE_USER,NO_ENGINE_SUBSTITUTION

query_cache_type = 0
query_cache_size = 0
query_cache_limit = 128M
query_cache_strip_comments = 1

tmp_table_size = 512M
max_heap_table_size = 512M

max_connections = 750
max_allowed_packet = 24M
sort_buffer_size = 24M
join_buffer_size = 48M

innodb_buffer_pool_size = 65G## 65-75% of RAM for InnoDB cache --> Keeping some for VUE
innodb_buffer_pool_instances = 10## One instance per CPU core --> Keeping some for VUE
innodb_flush_method = O_DIRECT## Reduce I/O overhead
innodb_flush_log_at_trx_commit = 2## Balance performance and durability
innodb_log_buffer_size = 16M## Buffer for transaction logs
innodb_thread_concurrency = 0## Let MySQL manage threads (0 = unlimited)
innodb_io_capacity = 2000## Adjust based on storage IOPS
innodb_io_capacity_max = 4000## Max IOPS for bursts
innodb_use_native_aio = 1
innodb_flush_log_at_trx_commit = 2## Balance performance and durability --> Changed from 0
innodb_file_per_table
innodb_log_file_size = 2G## Larger logs for better write performance --> Changed from 512
```

Revision #1

Created 17 March 2026 20:25:18 by Steve Ling

Updated 17 March 2026 20:25:57 by Steve Ling