

Performance Tuning & Benchmarking – Larry Stenfonic

TIPS

Tool

Good Scientists Guide to Benchmark

Isolate your environment
Use Different MySQL Instance

Select @@profiling ;
select * from store ; SHOW PROFILE

Ranges

slow Query Log Filter
mysqldumpslow Show Querylog
long_query_time =2

EXPLAIN Basics
Good Schema Practice

INET_ATON()
INET_NTOA() Storing IP Address

Query Cache

Use InnoDB Choosing a Storage Engine

innodb_file_per_table
innodb_buffer_pool_size
innodb_flush Quick InnoDB Tuning

- Super-smack
- mysqlslap (in MySQL 5.1)
- MyBench
- SysBench
- SHOW Command
- Apache Bech
- EXPLAIN
- Slow Query log
- vmstat/ps/top/gprof/oprofile