MySQL 8.0 Reference Manual / Optimization

Chapter 8 Optimization

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This chapter explains how to optimize MySQL performance and provides examples. Optimization involves
configuring, tuning, and measuring performance, at several levels. Depending on your job role (developer,
DBA, or a combination of both), you might optimize at the level of individual SQL statements, entire
applications, a single database server, or multiple networked database servers. Sometimes you can be
proactive and plan in advance for performance, while other times you might troubleshoot a configuration
or code issue after a problem occurs. Optimizing CPU and memory usage can also improve scalability,
allowing the database to handle more load without slowing down.