

MySQL 5.7 Database Administrator

Exam Number: 1Zo-888

Review exam topics

Installing MySQL

- Install MySQL
- Identify installed Files and Directories
- Understand Initial Configuration
- Start and Stop MySQL

MySQL Architecture

- Understand How MySQL Processes Requests
- Explain How MySQL Stores Data
- Use Tablespaces
- Identify Redo and Undo Logs
- Define How MySQL Uses Memory

Configuring MySQL

- Understand Server Options, Variables, and the Command Line
- Define Option Files
- Use System Variables

Monitoring MySQL

- Monitor MySQL with Log Files
- Monitor MySQL with Status Variables
- Monitor MySQL with Performance Schema

User Management

- Identify MySQL Privilege System
- Create and Modify User Accounts
- Configure Passwords and Account Expiration
- Understand Authentication Plug-Ins
- Grant Permissions
- Reset a Forgotten Root Password

MySQL Security

- Identify Security Risks
- Understand Network security
- Use Password Security
- Explain Operating System Security
- Protect Against SQL Injections

Maintaining a Stable System

- Define Stability
- Use Capacity Planning
- Troubleshoot
- Identify the Causes of Server Slowdowns
- Describe InnoDB Recovery

Optimizing Query Performance

- Identify Slow Queries
- Understand the EXPLAIN statement
- Work with Indexes
- Use Index Statistics

Backup Strategies

- Understand Backups
- Create a Backup Strategy
- Use MySQL Backup Tools
- Define Raw Backup Methods
- Explain Techniques that Use the Binary Log

Configuring a Replication Topology

- Replicate Conflicts
- Explain Replication
- Configure Replication
- Use MySQL Utilities
- Identify Replication Threads
- Monitor Replication
- Troubleshoot Replication