MySQL for Database Administrators

Oracle - Database

- **Nível:** Avançado
- **Duração:** 30h

Sobre o curso

The MySQL for Database Administrators training is designed for DBAs and other database professionals. Expert Oracle University instructors will teach you how to install and configure the MySQL Server, set up replication and security, perform database backups and performance tuning and protect MySQL databases.

Learn To:

- Install and configure MySQL Server and client programs
- Recognize the key components of the MySQL architecture
- Manage user accounts and secure your server
- Troubleshoot server slowdowns and other issues
- Backup and recover MySQL database
- Configure and administer a variety of replication topologies

Objetivos

- Install the MySQL server and client programs
- Upgrade MySQL on a running server
- Describe MySQL architecture
- Explain how MySQL processes, stores, and transmits data
- Configure MySQL server and client programs
- Use server logs and other tools to monitor database activity
- Create and manage users and roles
- Protect your data from common security risks
- Troubleshoot server slowdowns and other common problems
- Identify and optimize poorly performing queries
- Define and implement a backup strategy
- Perform physical and logical backups of your data
- Describe MySQL replication and its role in high availability and scalability

- Configure simple and complex replication topologies
- Administer a replication topology
- Configure and administer InnoDB Cluster

Destinatários

- Cloud Administrators
- Database Administrators
- Database Designers
- Web Administrators

Pré-requisitos

Experience with relational database concepts; knowledge of basic SQL statements; understand how to execute Linux/Unix commands.

Programa

- Introduction to MySQL
- Installing and Upgrading MySQL
- Understanding MySQL Architecture
- Configuring MySQL
- Monitoring MySQL
- Managing MySQL Users
- Securing MySQL
- Maintaining a Stable System
- Optimizing Query Performance
- Choosing a Backup Strategy
- Performing Backups
- Configuring a Replication Topology
- Administering a Replication Topology
- Achieving High Availability with MySQL InnoDB Cluster
- Conclusion