MySQL for Database Administrators

- **Formato do curso:** Presencial e Live Training
- **Localidade:** Porto
- **Data:** 21 Nov. 2022 a 25 Nov. 2022
- **Preço:** 2050€
- **Horário:** Laboral - das 9h30 às 16h30
- **Nível:** Avançado
- **Duração:** 30 horas

The MySQL for Database Administrators enables DBAs and other database professionals to maximize their organization's investment in MySQL. Learn to configure the MySQL Server, set up replication and security, perform database backups and recoveries, optimize query performance, and configure for high availability.

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

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.

Objectivos

- 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

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