

MySQL 2021 Implementation Essentials



Online Course

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Course Modules

1. Oracle MySQL Enterprise Product suite

- Describe the difference between MySQL Enterprise Edition \
- Explain the products and features of MySQL Enterprise Products
- Identity Oracle products that are certified to work with MySQL

2. Installation and Architecture

- Explain the MySQL infrastructure architecture
- Install a MySQL Enterprise Server
- Configure settings for a MySQL Enterprise Server

3. Database Design

- Describe Datatypes in a MySQL database
- Create databases and tables
- Create basic SQL queries
- Maintain Databases, Tables, and Columns
- Configure Indexes and Constraints
- Join Tables
- Partition MySQL Tables
- Use Document Store

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4. MySQL Security

- Execute MySQL Authorization and Privilege Management
- Manage MySQL Password Policies
- Describe MySQL Enterprise Authentication
- Configure MySQL Enterprise Firewall
- Configure MySQL Enterprise Audit
- Use Transparent Data Encryption (TDE)
- Use Data Masking

5. Leverage MySQL Enterprise Monitor

- Explain MySQL Enterprise Monitor benefits and features
- Describe the topology of the MySQL Enterprise Monitor
- Manage MySQL Query Analyzer
- Manage Custom Advisors

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6. Leverage MySQL Backup

- Import and export Data with MySQL Workbench
- Describe the MySQL Enterprise Backup process
- Install a MySQL Enterprise Backup
- Configure MySQL Backups
- Configure MySQL Encryption and Compression



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7. MySQL - Overview of High Availability and Replication

- Describe MySQL High Availability solutions
- Explain Replication
- Set up MySQL Replication using global transaction identifiers
- Set up MySQL INNODB Cluster
- Deploy High Availability and Scalability features

8. MySQL Database Service and HeatWave

- Describe MySQL Database Service
- Provision and connect to MySQL Database Service
- Manage and use MySQL Database Service Standalone
- Manage and use MySQL Database Service High Availability
- Create, Manage and use MySQL Database Service HeatWave
- Monitor MySQL Database Service
- Backup for MySQL Database Service

9. MySQL Kubernetes

- Using the MySQL Kubernetes Operator

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in terms of time management,
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