COURSE OVERVIEW

Course Name:

(D92199GC20)
MySQL for Database
Administrators Ed 5.1

COURSE DURATION: 5 Days

Gauteng:
3rd Floor, 34 Whitely Road
Melrose Arch
Johannesburg
2196

Gauteng:
192 on Bram
192 Bram Fischer Drive
Ferndale, Randburg
Johannesburg
2160

Cape Town:
3rd Floor, Thomas Pattullo Building
19 Jan Smuts St
Cape Town
8000

Durban:
9 Mountview Close
Broadlands
Mount Edgecombe
Durban
4302

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INTRODUCTION

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.

- 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 recovery MySQL database.
- Configure and administer a variety of replication topologies.

DELIVERY METHOD

Our courses have flexible delivery options:
- In-person classroom training at the Impactful training facilities
  - Johannesburg, Durban, Cape Town
- Virtual instructor-led training
- Nationally: on-site at the client

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TARGET AUDIENCE

This course will significantly benefit:

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

PREREQUISITES

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

COURSE OBJECTIVES

- 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

COURSE CONTENT

- 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.
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ASSOCIATED EXAMS & CERTIFICATION

MySQL 5.1 Database Administrators (1Z0-888)

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