

Globe Training Centre – (GTC)

MySQL Server 5.0 – for Database Administration (DBA) (Curriculum)

Training Objective: To enable users with Database Administrative skills for backend database management in web based application development and implement databases as a Relational Database Management System (RDBMS) for standalone business application development.

Training Outcome: At successful completion participants will be able to install, update MySQL server, designing databases and conduct DBA functions to support above training objectives.

Content:

- Understanding the basics and benefits of MySQL Server
- Relational Database Management – Concepts (Database Normalization rules, Data Integrity, Data definition & query, and optimization)
- Install and Upgrade MySQL Server version 5.0
- Configure MySQL server options at runtime
- Describe MySQL Server Architecture
- Perform the common DBA functions
- Use of MySQL Server User Interface
- Perform the MySQL start and shutdown operations
- Activate and manage numerous server logs
- Evaluate data types and character sets for performance issues
- Understand data locking concepts and the different levels of locking in MySQL
- Create, Maintain and Manage MySQL tables
- Perform backup and restore operations utilizing multiple MySQL tools
- Manage user maintenance and access to a MySQL Server
- Use stored routines and triggers for administration tasks
- Manage, apply and understand the reason for using views
- Improve performance through query optimization
- Utilize MySQL monitoring tools to improve server performance

Training Method: Instructor led practical sessions, and assignments.

Duration:	04 Days (08:30 a.m. – 04:30 p.m.)
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