Introduction to MySQL 5.5

Duration: 1 Day

What you will learn

This one–day seminar covers all the new features and other key enhancements to MySQL 5.5 and the MySQL Enterprise Edition. This includes performance, scalability, availability and backups.

Learn To:

Plan your use of the MySQL 5.5 product release more effectively.

Recognize new MySQL 5.5 features.

Understand Replication features and functionality.

Recognize how to support full, incremental and partial backups with compression,as well as point-in-time recovery.

Distinguish how MySQL Workbench provides GUI-based data modeling, SQL development, deployment and comprehensive administrative tools.

Students Who Benefit from this Course:

New users of MySQL, who have little or no previous experience with a relational database management system.

Existing MySQL users who are interested in learning about the new functionality possible with the MySQL 5.5 Release.

Audience
Database Administrators
Database Designers

Related Training

Required Prerequisites

Basic computer literacy is required

Suggested Prerequisites
Knowledge of database concepts

Previous experience with any command-line program

Course Objectives
Understand the features and benefits of MySQL

Recognize new MySQL 5.5 features

Understand how MySQL Enterprise Monitor and MySQL Query Analyzer alerts DBA to potential problems, queries and tuning opportunities before they impact key systems or applications

Understand how MySQL Enterprise Monitor and MySQL Query Analyzer works with MySQL databases

Course Topics

Introduction
Features and Benefits of MySQL
MySQL Products and Service
MySQL Community Edition vs. MySQL Enterprise Edition
MySQL Certification Program
MySQL Website
MySQL Architecture
How do I upgrade to MySQL 5.5

Whats New in MySQL 5.5
Introducing InnoDB as MySQL's Default Storage Engine
Performance and Scalability and Benchmarks
Improved Availability
Improved Manageability and Efficiency
Improved Usability
Improved Instrumentation and Diagnostics

MySQL Production Ready Software and Support
MySQL Administration
Enterprise Monitor and Query Analizer
MySQL Workbench (server configuration, user administration, object management)

MySQL 5.5 Replication Enhancements
Overview of MySQL Replication
MySQL 5.5 Replication Features
Users Wants and Needs
Replication Enhancements in MySQL 5.5
What's Cooking in the Replication Labs
Getting Started with MySQL 5.5 Replication

MySQL Enterprise Backup
Database Backup Overview
MySQL Enterprise Backup Features and Benefits
Database Backup Types: Comparison
MySQL Enterprise Backup: how it Works