

Course Outline for MySQL : Administration

Course Title	Course Description	Duration (Days)
MySQL : Administration	<p>This course prepares MySQL new users to implement MySQL Community Server. Participants will learn how to build MySQL server & have the basic knowledge of administering MySQL database. They will learn how to install MySQL on Windows OS and Linux OS (such as Fedora Core & CentOS), common queries, backup & recovery.</p> <p><i>Objective: After completion of the course, participants will be able to:</i></p> <ol style="list-style-type: none"> 1. <i>Installing & Uninstalling MySQL Server</i> 2. <i>Manage the users account</i> 3. <i>Understand MySQL files & directory structure</i> 4. <i>Use MySQL common queries</i> 5. <i>Understand MySQL table types</i> 6. <i>Initiate standard backup and recovery</i> <p><i>Pre-requisite: General Database Concept</i></p>	3

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	<p>Introduction</p> <ul style="list-style-type: none"> • Why MySQL • Why MySQL instead of another database <p>Lesson 1: MySQL Installation</p> <ul style="list-style-type: none"> • Installing MySQL on Windows (GUI) • Installing MySQL on Windows Vista (Common Problem) • Installing MySQL on Linux (RPM Packages) • Uninstalling MySQL from Linux (RPM Packages) <p>Lesson 2: Manage the Users Account</p> <ul style="list-style-type: none"> • Creating an Access Account for ROOT access • Creating an Access Account for other user • Applying Privileges on User Access <p>Lesson 3: MySQL Files & Directories Structure Tour</p> <ul style="list-style-type: none"> • Files & Directories in Windows • Files & Directories in Linux <p>Lesson 4: MySQL Common Queries</p> <ul style="list-style-type: none"> • Creating Databases, Tables and Indexes • Inserting, Deleting, Updating Data • Querying MySQL <p>Lesson 5: MySQL Table Types</p> <ul style="list-style-type: none"> • ISAM • MyISAM • InnoDB • BerkeleyDB (BDB) • MERGE • HEAP <p>Lesson 6: Backup & Recovery</p> <ul style="list-style-type: none"> • mysqlhotcopy • mysqldump 	