



Mongo DB Training & Certification

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01 Learning Path

○ Intro to MongoDB

- SQL and Complex Transactions
- Documents Overview
- Installing MongoDB (windows
- Installing MongoDB (Linux)
- JSON
- Dynamic Schema

○ Crud, admin commands

- Partial Updates & Document Limits
- Removing Documents
- Multi Update
- save() Command

○ Storage Engine

- Storage Engine: WiredTiger
- createIndex(), getIndexes() & dropIndex()
- Collection Scans
- Index Notes
- Sparse Indexes
- Unique Indexes

02 Learning Path

○ Replication Overview

- Asynchronous Replication
- Statement-based vs. Binary Replication
- Replication Concepts
- Automatic Failover
- Starting Replica Sets
- Initiating a Replica

○ Reconfiguring a Replica Set

- Hidden Option & Slave Delay
- Voting Options
- Applied Reconfiguration
- Write Concern Principles
- Examining the 'w' Parameter

○ Scalability

- Sharding & Data Distribution
- Replication with Sharding
- Sharding Processes
- Cluster Topology
- Running on localhost

03 Learning Path

○ Backup and Restore

- Security continued: Authentication and Authorization
- SSL and Keyfiles
- Intra-cluster Security
- Overview of Backing Up
- Mongodump
- Backup Strategies

○ Overview (Tools, CloudManager, Bash Scripting)

- Tools -RoboMongo
- Cloud Manager (Configuring and Working with MMS, Automation)
- Bash Scripting (Basics)

About the Course

MongoDB is a document database with the scalability and flexibility that you want with the querying and indexing that you need. MongoDB stores data in flexible, JSONlike documents, meaning fields can vary from document to document and data structure can be changed over time

Duration : 35 hrs

Key Features

- Real Time Projects
- Exam Preparation
- Mock Test
- Job Assistance
- Training Material
- Lab Videos
- Mock test for Certification
- Resume Updating
- Interview Preparation

WHO SHOULD ATTEND

The course is ideal for:

- Test Managers
- Test Engineers
- Test Lead
- Test Analyst
- QA Engineers
- Software Developers
- Engineers who want to learn Automation testing

PREREQUISITES

Basic understanding of database, text editor and execution of programs, etc. Because we are going to develop high performance database, so it will be good if you have an understanding on the basic concepts of Database (RDBMS).

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