

MongoDB Certification BootCamp - Level 3

Duration: 2 Days

DESCRIPTION

This course is a hands-on MongoDB course, which focuses on advanced concepts of MongoDB. Here we Dive deep into all the aspects of MongoDB, which would provide the skill and knowledge to provide quality consulting on MongoDB. We also have sample test to help you gain experience in the type of questions and format of MongoDB Certified DBA - C100DBA certification exam.

OBJECTIVES

- To gain deep understanding of MongoDB concepts including CRUD, availability, scalability, performance tuning, server administration and maintenance
- To attain skills to take up MongoDB C100DBA Certification

COURSE OUTLINE

- 1. MongoDB Essentials - Level 2 Recap
- 2. Advanced MongoDB Concepts
LAB 1
 - a. Working with Mongo Shell
 - b. Aggregation Framework
- 3. MongoDB Availability - Replication
LAB 2
 - a. Start 3 machines on AWS with MongoDB installed
 - b. Replica Set Configuration
 - c. Add an arbiter & hidden member to the replicaset
 - d. Configure slaveDelay
 - e. Update slaveOk to true
- 4. MongoDB Scalability - Sharding
LAB 3
 - a. Deploying a sharded cluster on AWS
 - b. Enabling Sharding for a collection with hashed shard key
 - c. Working with a Sharded Collection
- 5. Indexing in MongoDB
LAB 4
 - a. Creating simple, compound & Multi Key Index
 - b. Checking covered query
 - c. Multiple indexes for single query (\$or Operator)
- 6. Servers and Application Administration
LAB 5
 - a. Creating Users and permissions on MongoDB
 - b. Enabling authentication
 - c. Backup a sharded Cluster
 - d. Set Up MMS for the Sharded Cluster

WHO SHOULD ATTEND

- Database Administrators who wants to understand advanced MongoDB concepts on aggregation and deploy a highly available and scalable sharded cluster
- Database administrations who want to attain the knowledge and skill to take up MongoDB C100DBA Certification

PREREQUISITES

This is not a beginners MongoDB course. Basic understanding of installing and working with MongoDB is necessary.

1. MongoDB Essential - Offered by Cloudthat Technologies OR
2. Knowledge about installing MongoDB in unix, Basics of CRUD Operations, aggregation framework, replication and sharding.

TRAINING CALENDAR

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TESTIMONIALS

“ It is very professional and hands-on training. The trainer is extremely responsive and knowledgeable on the topics covered. I would recommend CloudThat to anyone who is looking for quality, hands-on training on these latest technologies. ”

- Srinivasa (Associate Professor, PES University)

“ Excellent, well thought out and well designed course. This is a MUST-HAVE course for anyone who has interest in MongoDB. I think it has covered all the basic concepts. ”

- Jagadeesh Prasad Vegi (Software Developer, North Gate Technologies Ltd.)

“ This is the 2nd training that we took from CloudThat. We are very much satisfied with CloudThat training programs. ”

- Arnab Das (Software Engineer, Lexmark)

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