MongoDB Atlas Training

Overview

This 1-day add-on course is designed for teams who are already familiar with basic MongoDB concepts, and builds skills in critical areas of developing for and administering MongoDB Atlas.

A MongoDB instructor leads students through using and configuring MongoDB Atlas features, including VPC peering and other Atlas security features, user management, the Atlas API, and Atlas-specific capabilities such as search and triggers.

MongoDB training courses are delivered on site at your company and taught by an experienced MongoDB consulting engineer. Throughout the course, hands-on exercises reinforce the subjects being discussed.

Who Should Attend?

This course is designed for anyone who uses Atlas to provision or manage database clusters, including both developers and DBAs. A foundational knowledge of MongoDB concepts and features is assumed, including familiarity with the MongoDB document model, query language, indexes, replication and sharding. This level can be attained via prior completion of one of the MongoDB Developer, MongoDB Administrator or MongoDB Essentials instructor-led training courses, or equivalent MongoDB University online self-study courses.

Course Duration

This is a 1-day training course.

Course Prerequisites

- This is an add-on course that must be purchased and delivered alongside another MongoDB training course or MongoDB consulting.

- This class can be delivered in person or remotely. For in-person classes, all students must attend the class in person.

- Each class accommodates up to 12 students.

- To fully participate in the class, students should be equipped with a computer that has:
  - unobstructed web access
  - access to the strigo.io training delivery platform via a supported web browser
  - for remote classes, the ability to join a Zoom meeting using the Zoom desktop client (ideally), or using the Zoom web client in a supported web browser

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Course Content

Day 1

Atlas Introduction and Setup

- Atlas Introduction
- Lab: Setup an Atlas cluster
- Lab: Load and use the sample data set

Atlas Features Deep-Dive

- Data Explorer
- Atlas Data Lake
- Atlas Search
- Triggers

Organizations, Projects and Teams

- Organization, Project, Cluster hierarchy
- Lab: Creating and managing Organizations, Projects, Users and Teams

Atlas API

- Atlas API intro and examples
- Using the Atlas Terraform provider

Atlas Security Basics

- User management
- Network access controls
- Encryption
- Auditing
- VPC peering

Atlas Alerts

- Monitoring and alerting in Atlas
- Lab: Configure Atlas alerts

Atlas Backup and Recovery

- Atlas backup methods
- Lab: Backup and restore using Atlas

Atlas Security Advanced

- Encryption-at-rest options
- Private endpoints (AWS PrivateLink integration)
- X.509 certificates
- Using LDAP with Atlas