MongoDB Administration

CODICE	**DT0029**
DURATA	**4 gg**
PREZZO	**1.590,00 €**
EXAM	

DESCRIZIONE

Il corso tratterà tutti gli argomenti necessari per ricoprire il ruolo di amministratore di Database MongoDB per la distribuzione e la gestione del sistema.

TARGET

Database Administrator e sviluppatori

PREREQUISTI

Conoscenze di modello ER, modellazione oggetti Javascript (Jason)

CONTENUTI

MongoDB Architectural Overview

- Working with the MongoDB Shell
- Single-server Configuration and Deployment
- Security
- Indexing and Query Optimization
- Introduction to drivers (Java/Python/Ruby/PHP/Perl)
- Intro to Read and Write scalability
- Replication and Durability

Overview of MongoDB Enterprise Server Features and Architecture

- Setting up MongoDB Ops Manager
- Server and Infrastructure Provisioning
- Managing the Network
- Diagnosing the System

- Deploying to Production
- Monitoring and Performance Alerts
- Performance Tuning
- Query Optimization
- Backup and Recovery
- Disaster Recovery
- Advanced Security
- Patching the System
- Scaling MongoDB

Troubleshooting

- Auto-Sharding
- Choosing a shard key
- Backup and Restore Plans