

## MongoDB Administration

CODICE	DT0029
DURATA	4 gg
PREZZO	1.590,00 €
EXAM	

### DESCRIZIONE

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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

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Database Administrator e sviluppatori

### PREREQUISITI

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Conoscenze di modello ER, modellazione oggetti Javascript (Jason)

### CONTENUTI

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## 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