SETC Training Corporate Logo

Oracle Training: Replication, Clustering & High Availability (MYSQLCL, 4 jours)

Description

The course Replication, Clustering & High Availability (Oracle Training) is an exploration of clustering & high availability with MySQL. The training includes clustering basic concepts and discusses the hardware, topology & software requirements of a clustered MySQL implementation. The course covers MySQL cluster design, installation, configuration & implementation. This MySQL course also includes a full discussion on MySQL cluster monitoring, troubleshooting & optimization.

Tarifs

- Tarification: $3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

MYSQL High Availability Overview

- The Need for High Availability
- Overview of MySQL Enterprise Features
- MySQL Replication
- MySQL Cluster
- MySQL High Availability Components

MySQL Replication

- Managing the MySQL Binary Log
- MySQL Replication Threads and Files
- MySQL Replication Environment Setup
- Designing Replication Topologies
- Multi-Master and Circular Replication
- Performing a Controlled Switchover
- Monitoring and Troubleshooting MySQL Replication
- Replication with Global Transaction Identifiers (GTIDs)

Installing MySQL Cluster

- Hardware, Software, and Network Requirements
- Choosing and Installing Cluster Distributions
- Installing and Configuring Cluster Nodes
- MySQL Cluster Auto-Installer
- Starting a Cluster with a Basic Configuration
- Upgrading a Cluster

MySQL Cluster Architecture

- The NDB storage engine
- Clustered tables
- SQL and NoSQL API nodes
- Data Nodes and Node Groups
- Partitions and Replicas
- Checkpoints and the Redo Log
- Redundancy and Resilience

Designing a MySQL Cluster

- Design Guidelines