MemSQL Administrator Training

COURSE CONTENT

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

Multisoft Systems' MemSQL Administrator Training is designed to equip database administrators, system administrators, and IT professionals with the skills necessary to effectively manage and optimize MemSQL databases.

Module 1: Introduction

- ✓ Software Requirements
- ✓ Verify SSH access to AWS EC2

Module 2: MemSQL Fundamentals for Administrators

- ✓ Architecture Concepts
- ✓ LAB: Configure your AWS EC2 host instances
- ✓ Rowstore and Columnstore -- Rowstore
- ✓ Rowstore and Columnstore -- Columnstore
- ✓ Data Distribution
- ✓ Distributed Joins
- ✓ Reference Tables
- ✓ Designing a Cluster
- ✓ Expanding a Cluster
- ✓ Appendix: A Deeper Look into MemSQL's Columnstore implementation

Module 3: Installing MemSQL

- ✓ Manual Installation
- ✓ Installing MemSQL Ops
- ✓ Advanced Installation Scenarios
- ✓ MemSQL Ops
- ✓ MemSQL Ops WebUI
- ✓ MemSQL Ops Command Line Interface (CLI)
- ✓ Common Shell Scripts with MemSQL Ops

Module 4: Securing MemSQL and MemSQL Ops

- ✓ Securing MemSQL and MemSQL Ops
- ✓ MemSQL Client to Custer and Node to Node Security
- ✓ MEMSQL 6.5 ADMINISTRATOR Online Training

- ✓ Role Based Access Control (RBAC)
- ✓ Row Level Security
- ✓ Appendix: Setting the root user password

Module 5: Managing Upgrades

- ✓ Upgrade MemSQL Ops
- ✓ MemSQL Offline and Online Upgrade

Module 6: Operating MemSQL

- ✓ Transaction Models
- ✓ High Availability
- ✓ Cluster Replication
- ✓ Backup and Restore
- ✓ Failover and Recovery
- ✓ Logging, Monitoring, and Troubleshooting
- ✓ Appendix: Explain, Analyze, Profile
- ✓ Appendix: MemSQL kill scenarios

Module 7: Certification

- ✓ Requirements for Certification
- ✓ MemSQL Administrator Certification Exam
- ✓ ORDER BY ASC - Onsite Training Survey