SAP Database Migration Option (DMO) Training

COURSE CONTENT

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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

SAP Database Migration Option (DMO) training by Multisoft Systems is designed to help SAP professionals confidently plan and execute system upgrades and database migrations in a single, streamlined process. DMO is a key approach used during SAP ECC to SAP S/4HANA transitions, allowing organizations to combine technical upgrade, Unicode conversion, and database migration into one controlled project using the Software Update Manager (SUM).

Module 1: Introduction to SAP DMO

- ✓ Overview of SAP Database Migration Option
- ✓ Evolution of DMO and its role in SAP S/4HANA migration
- ✓ DMO vs classical migration approaches
- ✓ Benefits and limitations of DMO

Module 2: SAP S/4HANA Migration Landscape

- ✓ ECC to SAP S/4HANA technical migration overview
- ✓ Supported source and target databases
- ✓ Unicode requirements and system compatibility
- ✓ Add-on and custom code impact analysis

Module 3: DMO Architecture and Prerequisites

- ✓ DMO architecture and process flow
- ✓ System checks and preparation steps
- ✓ SPAM and kernel requirements
- ✓ Custom code and modification readiness

Module 4: Software Update Manager (SUM) for DMO

- ✓ SUM overview and DMO-specific options
- ✓ SUM phases and execution workflow
- ✓ Shadow system and migration phases
- ✓ Handling test runs and repeatable checks

Module 5: DMO Migration Execution

- ✓ Running DMO with system upgrade
- ✓ Table migration strategies and optimization
- ✓ Resource parameters and parallel processing
- ✓ Monitoring migration progress

Module 6: Downtime Optimization Techniques

- ✓ Downtime optimization concepts
- ✓ Migration benchmarking and performance tuning
- ✓ Reducing business impact during cutover
- ✓ Best practices for large SAP landscapes

Module 7: Error Handling and Troubleshooting

- ✓ Common DMO issues and resolutions
- ✓ SUM log analysis and troubleshooting methods
- ✓ Handling failed migration scenarios
- ✓ Restart and recovery strategies

Module 8: Post-Migration Activities

- ✓ Data consistency and validation checks
- ✓ System performance verification
- ✓ Transport management after migration
- ✓ Cleanup and stabilization activities

Module 9: Best Practices and Real-World Scenarios

- ✓ DMO project planning and risk mitigation
- ✓ SAP recommended best practices
- ✓ Lessons learned from enterprise migrations
- ✓ Readiness for production migration