MERCURY

Content Migration & Integration with SharePoint Online (SPO)

14 – 18 March 2027
Cairo (Egypt)



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Ref: 16146_1008233 **Date:** 14 – 18 March 2027 **Location:** Cairo (Egypt) **Fees:** 4000 Euro

Introduction:

In today's rapidly evolving digital landscape, organizations are increasingly transitioning to cloud-based platforms, such as SharePoint Online SPO, for enhanced collaboration, content management, and operational efficiency. However, successful migration from legacy systems and seamless integration with third-party tools require technical expertise, strategic planning, and process alignment.

This Content Migration and Integration with SharePoint Online SPO course equips ECM Enterprise Content Management Administrators with the skills and knowledge to manage end-to-end content migration projects effectively. Participants will explore advanced techniques for migrating structured and unstructured data while ensuring security, compliance, and data integrity.

The Content Migration and Integration with SharePoint Online SPO program emphasizes integrating third-party systems, automating workflows, and managing the content lifecycle within the SPO environment. Through real-world scenarios and hands-on labs, learners will gain practical insights to mitigate risks, troubleshoot challenges, and streamline enterprise content strategies. It establishes a solid foundation in SharePoint content migration and integration best practices, aligning with industry demands.

Targeted Groups:

This Content Migration and Integration with SharePoint Online SPO training targets professionals seeking specialized knowledge and skills:

- ECM administrators manage enterprise content workflows.
- IT specialists are responsible for digital transformation initiatives.
- SharePoint administrators oversee content platforms.
- System integrators need to connect SPO with external systems.
- Cloud migration consultants work with hybrid environments.
- Information governance officers handle secure data transfer.
- Project managers leading SharePoint implementation efforts.
- Business analysts supporting enterprise content transitions.
- Records managers aim for compliant migration practices.
- Technical support teams are involved in SPO troubleshooting.

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Course Objectives:

Participants will achieve the following objectives by completing the Content Migration and Integration with SharePoint Online SPO course:

- Understand the full migration lifecycle and planning process.
- Identify key tools used for data extraction and transformation.
- Evaluate legacy system readiness for migration to SPO.
- Configure and manage metadata mapping and taxonomy structures.
- Execute bulk migration processes using modern tools and scripts to streamline data migration.
- Validate data integrity and resolve post-migration inconsistencies.
- Secure sensitive data through proper permission management.
- Develop skills to automate integration with third-party systems.
- Analyze performance and optimize content storage on SharePoint Online SPO to enhance efficiency.
- Troubleshoot common errors in content migration projects.
- Create robust workflows using Power Automate and Azure Logic Apps.
- Leverage SharePoint APIs for custom migration and integration use cases.
- Apply governance models to ensure compliance after migration.
- Generate audit logs and reports to monitor data transfer activities.
- Enhance team collaboration with structured content libraries.
- Build SOPs for repetitive migration projects.
- Customize document sets and retention labels in SharePoint Online SPO.
- Support long-term content lifecycle management on the cloud.

Targeted Competencies:

Participants will gain the following competencies during the Content Migration and Integration with SharePoint Online SPO program:

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- Proficiency in planning and executing data migration projects.
- Ability to manage structured and unstructured content in SPO.
- Competence in using Microsoft migration and integration tools.
- Skill in automating content flows using Power Platform.
- Understanding of metadata design and document taxonomy.
- Capability to ensure content compliance and access control.
- Aptitude for resolving technical migration challenges.
- Familiarity with integrating third-party enterprise systems.
- Knowledge of scalable SharePoint content architecture.
- Confidence in managing enterprise-level SPO environments.

Course Content:

Unit 1: Introduction to SharePoint Online and ECM Strategy:

- Overview of SharePoint Online architecture and capabilities.
- Role of ECM in enterprise content lifecycle management.
- Key benefits of migrating to SharePoint Online.
- Defining project scope and stakeholder alignment.
- Introduction to Microsoft 365 content services roadmap.
- Common content sources and legacy systems in use.
- Planning ECM governance in cloud environments.
- Licensing and feature considerations for SPO integration.
- Identifying risks and compliance requirements.

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Unit 2: Content Migration Planning and Execution:

- Pre-migration assessment and gap analysis.
- Evaluating content for relevance and compliance readiness.
- Designing the target information architecture.
- Mapping metadata, tags, and content types.
- Introduction to Microsoft SharePoint Migration Tool SPMT.
- Hands-on with ShareGate and other third-party tools.
- Staging environments and test migration strategies.
- Managing delta migration and incremental updates.
- Monitoring progress and handling migration errors.

Unit 3: Data Integrity, Security, and Compliance:

- Ensuring data consistency and structure integrity.
- Permission and access control best practices.
- Configuring retention labels and sensitivity settings.
- Protecting PII and business-sensitive data.
- Managing audit logs and version history during migration.
- Applying Microsoft Purview for governance and tracking.
- Handling orphaned content and link remediation.
- Generating reports for quality assurance.
- Ensuring compliance with ISO and GDPR standards.

Unit 4: Integration with Third-party Systems:

- Identifying integration points with enterprise applications.
- Using APIs to connect external tools with SPO.
- Automating data sync using Power Automate connectors.
- Integration with CRM, ERP, and file storage systems.
- Managing connectors and app permissions securely.
- Creating custom scripts for advanced use cases.
- Using Logic Apps for complex workflows.
- Building low-code integration with Microsoft Power Platform.
- Real-world integration scenarios and troubleshooting.

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Unit 5: Post-migration Optimization and Support:

- Auditing migrated content and validating user access.
- Optimizing document libraries and site collections.
- Configuring search experiences and content types.
- Setting up retention schedules and compliance alerts.
- Continuous improvement through user feedback loops.
- Implementing support models for content owners.
- Training end users on new content structures.
- Ensuring backup and disaster recovery readiness.
- Reviewing and refining migration and integration strategies.

Final Insights & Key Takeaways:

This Content Migration and Integration with SharePoint Online SPO course delivers deep insight into executing seamless SharePoint Online migrations and integrating modern enterprise systems effectively. Participants gain practical experience and the tools needed to ensure successful content transformation.

The Content Migration and Integration with SharePoint Online SPO training bridges theory with application, equipping learners with real-world, actionable strategies. Learners will be ready to manage large-scale content operations with precision and compliance in the Microsoft 365 cloud environment.