ERP Cloud Migration Assessment Training Course

Professional Development Training Course Outline

Category	Enterprise Resource Planning (ERP)	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The digital transformation landscape demands unparalleled agility and operational efficiency, making ERP Cloud Migration a critical strategic imperative for enterprises globally. Legacy on-premise ERP systems are increasingly struggling to meet modern demands for scalability, real-time data analytics, and robust cybersecurity. This necessity drives the market for skilled professionals who can execute a meticulous Cloud Migration Assessment the foundational phase of any successful transition. ERP Cloud Migration Assessment Training: Course Outline is designed to equip participants with a comprehensive assessment framework covering the crucial '6 R's' to define the optimal cloud adoption strategy. Our focus is on achieving demonstrable Total Cost of Ownership (TCO) reduction, maximizing Return on Investment (ROI), and ensuring seamless business continuity throughout the transition to a True Cloud ERP environment.

A successful migration hinges on more than just technical execution; it requires an integrated approach that addresses organizational change management, data governance, and security compliance from the outset. This intensive training dives deep into the methodologies for workload analysis, application dependency mapping, and formulating a robust risk mitigation strategy. You will gain hands-on experience in cloud readiness evaluation, financial modeling, and selecting the most suitable cloud deployment model. By mastering the art of the assessment, participants will transform from system administrators into strategic Cloud Architects and migration leaders, poised to guide their organizations through this complex, yet rewarding, journey of enterprise modernization and unlocking the full potential of Cloud ERP solutions.

Programme Curriculum

ERP Cloud Migration Assessment Training: Course Outline

Introduction

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Course Duration

5 days

Course Objectives

Upon completion of this training, participants will be able to:

1. Define and lead the Cloud Readiness Assessment Framework for legacy ERP systems.
2. Evaluate business drivers and establish a measurable ROI Forecasting model for cloud transition.
3. Analyze the six core Cloud Migration Strategies (6 R's) and apply the optimal one to diverse workloads.
4. Perform detailed Application Dependency Mapping and Workload Analysis to mitigate migration risk.
5. Calculate and justify the Total Cost of Ownership (TCO) comparison between on-premise and Cloud ERP.
6. Develop a robust Data Migration Strategy including cleansing, transformation, and validation protocols.
7. Identify and secure executive Stakeholder Buy-In and manage expectations for the entire project lifecycle.
8. Formulate a comprehensive Cloud Governance model for security, compliance, and cost optimization.
9. Design a phased, high-level Migration Roadmap complete with key milestones and resource allocation.
10. Assess and plan for the necessary Skillset Upskilling and Organizational Change Management (OCM).
11. Select the appropriate Cloud Deployment Model (Public, Private, or Hybrid) based on regulatory needs.
12. Integrate AI/ML and Automation opportunities within the new Cloud ERP architecture.
13. Establish key Performance Benchmarking and post-migration Continuous Optimization processes.

Target Audience

1. IT Managers and System Administrators
2. Enterprise Architects and Solutions Designers
3. Cloud Consultants and Pre-Sales Engineers
4. Business Analysts focusing on Digital Transformation
5. CIOs and C-Level Executives seeking to understand Cloud Strategy
6. ERP Functional and Technical Experts

7. Project Managers leading IT Modernization programs

Course Modules

Module 1: Foundations of ERP Cloud Migration Strategy

- Understanding Cloud ERP and Legacy Systems and the strategic business drivers.
- The "6 R's" Migration Strategies
- Differentiating Public, Private, and Hybrid Cloud models.
- Introduction to the Cloud Adoption Framework and Governance.
- The shift from CapEx to OpEx and early-stage Financial Modeling.
- Case Study: Analyzing a large-scale retail company's decision to move from a legacy system to a SaaS ERP to enable omnichannel commerce.

Module 2: Current State Discovery and Assessment

- Techniques for comprehensive IT Asset Inventory and Discovery Tools.
- Workload Analysis.
- Application Dependency Mapping (ADM) and establishing migration waves.
- Evaluating Technical Debt and architectural limitations of the current ERP.
- Defining the Cloud Readiness Scorecard and Go/No-Go criteria.
- Case Study: A global manufacturer uses ADM to identify a complex integration between their on-premise ERP and MES, leading to a Replatform strategy for key components.

Module 3: Financial & Business Case Justification

- Detailed methodology for TCO analysis and comparison.
- Developing an ROI Forecasting model including intangible benefits
- Cost Optimization strategies in the cloud
- Building a compelling Business Case for executive sponsorship.
- Budgeting for Data Cleansing, Integration, and post-migration support.
- Case Study: A financial service firm's TCO report justifies an accelerated migration by highlighting significant savings in data center cooling and maintenance costs.

Module 4: Data Migration and Governance Planning

- Developing a robust Data Migration Strategy
- Crucial steps for Data Cleansing, validation, and quality assurance.
- Addressing Data Gravity challenges and large volume transfers.
- Establishing Data Governance and compliance policies in the cloud
- Strategy for handling historical data and Data Archiving.
- Case Study: A healthcare provider's migration struggles with highly regulated patient data necessitate a phased Hybrid Cloud approach with strict data residency controls.

Module 5: Security and Compliance Assessment

- Evaluating the Shared Responsibility Model in the cloud.
- Identifying and remediating Security Gaps in the legacy ERP.
- Designing an Identity and Access Management (IAM) framework for the cloud.
- Compliance Assessment.
- Planning for Business Continuity and Disaster Recovery (DR) in the cloud.

- Case Study: A public sector agency successfully migrates its ERP by mandating specific security controls and continuous auditing to meet stringent government compliance standards.

Module 6: Implementation and Testing Strategies

- Overview of the SAP Activate or equivalent vendor-specific migration methodology.
- Planning the Phased Go-Live approach.
- Testing Strategy.
- Executing Cutover Planning and the Go-Live Checklist.
- Developing the Rollback Plan and necessary mitigation steps.
- Case Study: An international logistics company uses a phased approach, migrating one geographic region at a time, to minimize business disruption and learn from each phase.

Module 7: Change Management and Post-Migration

- The critical role of Organizational Change Management in user adoption.
- Designing tailored Employee Training Programs for the new ERP interface.
- Managing Stakeholder Communication and resistance to change.
- Establishing a Center of Excellence (CoE) for ongoing cloud operations.
- Metrics for post-migration success: KPI Benchmarking and performance review.
- Case Study: A utility company overcomes high user resistance by involving end-users in UAT and designing customized training with Gamification elements.

Module 8: Emerging Trends and Optimization

- Integrating AI/ML for Intelligent Automation in ERP processes.
- Exploring Multi-Cloud and Cloud-Native strategies
- Introduction to FinOps principles for continuous cloud cost management.
- Techniques for post-migration Performance Optimization and efficiency tuning.
- The future of Cloud ERP and Composable ERP architectures.
- Case Study: A technology firm leverages Serverless Computing and containerization to refactor key ERP modules, dramatically improving application scalability and reducing compute costs.

Training Methodology

This course employs a participatory and hands-on approach to ensure practical learning, including:

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call +254769199797

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now