Cost Optimisation for Cloud ERP 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

Cost Optimisation for Cloud ERP Training Course is designed to address the critical need for financial accountability and efficiency in modern enterprise resource planning (ERP) deployments. As organizations rapidly accelerate their digital transformation by migrating to multi-cloud and hybrid cloud ERP solutions, controlling spiraling cloud expenditure has become a top strategic priority. This training provides a comprehensive framework, integrating FinOps principles, advanced cloud economics, and practical resource rightsizing techniques. Participants will master the methodologies and automation tools required to achieve substantial, sustained cost reduction without compromising performance, scalability, or the critical security posture of their mission-critical ERP systems.

The curriculum is deeply focused on actionable insights and real-world application, transitioning professionals from traditional cost center management to a model of real-time visibility and shared financial responsibility. Key topics include understanding complex cloud pricing models, implementing robust cost allocation via effective tagging strategy, and leveraging AI/ML-driven predictive analytics for smart capacity planning. By successfully completing this program, participants will be equipped to lead organizational change, driving a culture of financial governance and maximizing the ROI of their cloud ERP investment, thereby contributing directly to their company's competitive advantage in the digital era.

Programme Curriculum

Cost Optimisation for Cloud ERP Training Course

Introduction

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Course Duration

5 days

Course Objectives

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

1. Master FinOps principles to establish a culture of financial accountability.
2. Analyze and forecast Cloud ERP spend using advanced predictive analytics.
3. Implement effective Resource Rightsizing strategies for compute, storage, and database services.
4. Develop a robust, scalable Cloud Tagging Strategy for precise Cost Allocation.
5. Leverage Reserved Instances (RIs) and Savings Plans for major cost commitments.
6. Automate the shutdown and scale-down of non-production environments using DevOps practices.
7. Optimize data storage tiers and implement Data Lifecycle Management for ERP archives.
8. Identify and eliminate Idle Cloud Resources and "zombie" infrastructure.
9. Conduct an in-depth Total Cost of Ownership (TCO) analysis for cloud migration and ongoing operations.
10. Evaluate and utilize native Cloud Cost Management Tools
11. Design and enforce Cost Governance policies across multi-cloud ERP deployments.
12. Integrate cost control measures into Cloud ERP Implementation and post-go-live phases.
13. Balance Security Compliance and data residency costs with overall optimization goals.

Target Audience

1. Cloud Architects & Engineers
2. FinOps Practitioners
3. IT Financial Managers
4. ERP System Administrators
5. C-Level Executives
6. DevOps and SRE Teams
7. Procurement and Vendor Management Specialists
8. Business Analysts focused on ERP ROI

Course Modules

Module 1: Cloud ERP Economics & FinOps Foundation

- Introduction to Cloud Pricing Models.
- Case Study: Analyzing a Fortune 500 company’s transition from CapEx to OpEx with a cloud ERP and initial cost overruns.
- Core principles of FinOps.
- Identifying and quantifying the primary drivers of ERP cloud spend
- Establishing a Shared Financial Accountability model across IT, Finance, and Business Units.

Module 2: Cost Visibility and Allocation Strategy

- Mastering native and third-party Cloud Cost Management Tools.
- Case Study: Implementing a standardized Cloud Tagging Strategy across a complex multi-region ERP environment to enable precise departmental chargebacks.
- Designing and deploying effective Cost Allocation and showback/chargeback mechanisms.
- Creating executive and engineering-level Real-Time Cost Dashboards and alerts.
- Techniques for detecting and remediating Cost Anomalies and sudden spend spikes.

Module 3: Compute and Database Rightsizing

- Methodologies for accurate Resource Rightsizing for ERP application servers.
- Case Study: Applying Autoscaling and scheduled scale-down policies to a QA/Dev ERP environment to reduce compute costs by 60%.
- Optimizing Cloud Database costs through instance-type and licensing adjustments.
- Leveraging Spot/Preemptible Instances for non-critical ERP workloads
- Strategies for decommissioning or archiving Idle Resources

Module 4: Commitment & Discount Management

- In-depth analysis of Reserved Instances and Savings Plans for IaaS/PaaS.
- Case Study: Developing a portfolio of RIs and Savings Plans to cover a minimum 75% baseline usage, maximizing discount realisation.
- Negotiation tactics and levers for Cloud Vendor Contracts and ERP Licensing costs.
- Managing and optimizing Software Licensing in the cloud.
- Utilizing Committed Use Discounts specific to cloud providers.

Module 5: Storage and Data Transfer Optimization

- Optimizing Cloud Storage Costs using tiered and lifecycle policies
- Case Study: Re-architecting data movement for a global ERP backup strategy to minimize costly Data Egress charges.
- Strategies for reducing high-cost Data Transfer and inter-region traffic.
- Cleanup strategies for orphaned snapshots, unattached volumes, and old log data.
- The impact of Data Residency and Geo-fencing on storage and network costs.

Module 6: Automation and Governance

- Integrating cost checks into CI/CD Pipelines
- Case Study: Creating a policy-as-code solution that automatically shuts down any non-tagged resource after 48 hours, enforcing governance.
- Using Infrastructure as Code tools to enforce cost-efficient provisioning.
- Implementing guardrails and automated policies to prevent "Shadow IT" spending.
- Setting up Budget Alerts and automated remediation actions

Module 7: Cloud ERP Migration Cost Strategy

- Financial considerations for Lift-and-Shift vs. Re-platforming an ERP system.
- Case Study: Performing a detailed Total Cost of Ownership comparison for on-premises versus a 5-year public cloud ERP deployment.
- Cost-efficient Data Migration strategies and tools.
- Strategies to leverage Free Tier and migration credits effectively.
- Post-migration validation and optimization audit checklist.

Module 8: Advanced Cost Modeling and Future Trends

- Leveraging AI/ML for Predictive Cost Modeling and capacity forecasting.
- Case Study: Using a cloud provider's recommendation engine to identify and act on $1M+ in annual savings opportunities.
- Optimizing for Sustainable IT and the financial benefits of Green Computing.
- Best practices for Multi-Cloud and Hybrid ERP cost management.
- The impact of Serverless and containerization on ERP total cost.

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:

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