

AWS Cloud Financial Management for Builders

Course Duration: 24 Hours

Course Code: AWS-CFM-101

1. Course Overview

The **AWS Cloud Financial Management for Builders** course is designed to equip participants with the knowledge and skills required to manage, optimize, and forecast cloud costs efficiently within AWS. Participants will learn best practices for financial governance, cost allocation, budgeting, and implementing cost control mechanisms while building cloud solutions. The course emphasizes practical strategies for developers, engineers, and architects to design cost-effective solutions on AWS.

2. What You'll Learn

By the end of this course, participants will be able to:

- Understand the fundamentals of AWS Cloud financial management.
- Apply cost optimization strategies while designing and deploying cloud solutions.
- Monitor and control AWS costs effectively using AWS tools and services.
- Create and manage budgets, cost forecasts, and billing reports.
- Implement tagging and cost allocation strategies for better financial tracking.
- Integrate financial accountability into cloud architecture and decision-making.

3. Target Audience

This course is ideal for:

- Cloud Builders, Developers, and Solutions Architects.
- IT professionals involved in cloud financial planning and cost management.
- Technical leaders seeking to understand cost implications of cloud architecture.
- Anyone responsible for optimizing cloud spend and managing budgets on AWS.

4. Pre-Requisites

Participants are expected to have:

- Basic understanding of AWS services and cloud computing concepts.
- Familiarity with cloud architecture principles and deployment models.
- Basic knowledge of finance and budgeting is beneficial but not mandatory.

5. Course Content (Modules)

Module 1: Introduction to Cloud Financial Management

- Overview of AWS billing and pricing models
- Importance of financial governance in the cloud

Module 2: AWS Cost Management Tools

- AWS Cost Explorer
- AWS Budgets
- AWS Cost and Usage Reports

Module 3: Cost Allocation and Tagging Strategies

- Implementing resource tagging
- Allocating costs to projects, teams, or departments

Module 4: Budgeting and Forecasting

- Setting up budgets and alerts
- Forecasting costs using AWS tools

Module 5: Cost Optimization Best Practices

- Right-sizing resources
- Reserved Instances and Savings Plans
- Automating cost controls

Module 6: Financial Accountability in Cloud Architecture

- Integrating cost considerations into solution design
- Cost-aware decision making for cloud deployments

