



FinOps Foundation Certification

About DevOpsSchool

DevOpsSchool is a unit of "Cotocus PVT Ltd" and a leading platform which helps IT organizations and professionals to learn all the emerging technologies and trend which helps them to learn and embrace all the skills, intelligence, innovation and transformation which requires to achieve the end result, quickly and efficiently. We provide over 40 specialized programs on DevOps, Cloud, Containers, Security, AI, ML and on Big data that are focused on industry requirement and each curriculum is developed and delivered by leading experts in each domain and aligned with the industry standards.

About Course

The FinOps Foundation Certification is a comprehensive and globally recognized certification that focuses on the financial operations (FinOps) practices for managing cloud costs effectively and efficiently. FinOps combines financial, operational, and technical processes to help organizations manage, optimize, and report on cloud expenditures, aligning financial decision-making with the business strategy. The FinOps Foundation framework provides a structured approach to managing cloud costs, ensuring that organizations can maximize value while maintaining financial accountability and transparency in their cloud operations.

The FinOps Foundation Certification is designed to provide professionals with the necessary skills to implement FinOps practices within their organizations. The certification covers topics such as cloud cost management, budget planning, forecasting, cost optimization strategies, and using various tools and platforms to track and manage cloud spending. With organizations increasingly adopting cloud-based infrastructures, the need for professionals who can manage and optimize cloud expenditures is growing, making the FinOps Foundation Certification an essential qualification for finance, IT, and operations professionals.

This certification program offers a deep understanding of financial operations in the cloud, helping businesses reduce waste, optimize their cloud costs, and improve financial decision-making. As cloud usage grows, organizations need professionals who can bridge the gap between technology and finance to ensure that cloud resources are being utilized cost-effectively.



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Duration	5 days
Mode	Online (Instructor-led, live & Interactive)
Projects (Real time scenario based)	1

FEATURES	DEVOPSSCHOOL	OTHERS
Faculty Profile Check	✓	✗
Lifetime Technical Support	✓	✗
Lifetime LMS access	✓	✗
Top 25 Tools	✓	✗
Interviews Kit	✓	✗
Training Notes	✓	✗
Step by Step Web Based Tutorials	✓	✗
Training Slides	✓	✗
Training + Additional Videos	✓	✗

Training

DevOps As part of this course, you would be strong in DevOps technology. You would learn Linux, Python, DevOps, Docker, Jira, Git, SonarQube, Maven, Ansible, Jenkins, Kubernetes, Datadog, Splunk, NewRelic, Terraform and various other stacks related to this methodology.

Projects

As part of this initiative, trainer would help you to execute one real time scenario based project, doing it end to end and step by step to visualize a real agile work environment in any organization.

Interview

As part of this, you would give complete FinOps Foundation Certification interview preparations Kit. This interview kit will help you organize your application and interview with eas

AGENDA : FINOPS FOUNDATION CERTIFICATION

Day 1 - Introduction to FinOps and Cloud Financial Management

Introduction to MLOps

- What is FinOps, and why is it important in cloud financial management?
- Key principles and practices in FinOps
- The role of collaboration between finance, operations, and cloud teams
- How FinOps supports the journey to cloud adoption and cost optimization

FinOps Lifecycle

- Understanding the FinOps lifecycle: Inform, Optimize, Operate
- Mapping the lifecycle to cloud financial management activities
- Key objectives of each phase in the FinOps process.

Cloud Financial Management Basics

- The shift from traditional finance to cloud finance models
- Managing and tracking cloud expenses (IaaS, PaaS, SaaS)
- Understanding cloud billing and cost allocation models
- Tools and technologies used in FinOps.

Hands-On Activity

- Set up a basic cloud cost tracking system using a cloud platform's native tools (e.g., AWS Cost Explorer, Azure Cost Management).

Day 2 - Cost Allocation, Budgeting, and Forecasting

Model Training at Scale

- Introduction to cloud cost allocation models: Tagging, account-level allocation, cost centers
- Best practices for cost allocation in multi-cloud environments
- Understanding cloud billing statements and cost reports.

Cloud Budgeting

- The importance of budgeting in FinOps for cloud cost optimization
- Setting up and managing cloud budgets across teams and departments
- Budgeting for cloud resources and scaling them dynamically
- Ensuring budget visibility for stakeholders.

Forecasting Cloud Spend

- Techniques for forecasting cloud usage and spend
- Tools and models for cloud spend forecasting
- The role of historical data in predicting future costs
- Adjusting forecasts based on cloud usage patterns and pricing changes.

Hands-On Activity

- Create a sample cloud budget and forecast using cloud cost management tools.

Day- 3 Cost Optimization, Reporting, and Collaboration

Cloud Cost Optimization Strategies

- Key strategies for optimizing cloud costs: Rightsizing, reserved instances, savings plans
- Managing instance usage and over-provisioning
- Utilizing spot instances and auto-scaling to reduce costs
- Tools for identifying underutilized cloud resources.

Reporting and Transparency in FinOps

- The importance of creating transparent reports for stakeholders
- Setting up custom cloud cost reports and dashboards
- Using reporting to drive actionable insights into cloud usage and cost
- Integrating financial reporting into business decision-making.

Collaboration Across Teams in FinOps

- Building collaboration between finance, engineering, and cloud teams
- Ensuring continuous communication between the different teams for cost visibility
- Aligning cloud spending goals with business objectives
- Best practices for developing a FinOps culture in your organization.

Hands-On Activity

- Generate a cloud cost optimization report and present recommendations for optimization.



Day - 4 Managing Cloud Vendor and Pricing Models

Understanding Cloud Vendor Pricing Models

- The complexities of cloud pricing models (e.g., pay-as-you-go, subscriptions, on-demand vs. reserved pricing)
- Understanding pricing tiers and volume discounts across cloud providers
- The impact of pricing models on cost management and FinOps.

Managing Multi-Cloud Environments

- The role of FinOps in managing costs across multiple cloud providers (e.g., AWS, Azure, Google Cloud)
- Best practices for creating a multi-cloud cost management strategy
- Identifying the right cloud vendor pricing model for your organization.

Negotiating with Cloud Vendors

- Key considerations when negotiating cloud contracts and discounts
- Leveraging FinOps data to negotiate better terms with cloud vendors
- Understanding SLAs (Service Level Agreements) and their impact on financials
- Cost predictability through enterprise agreements and reserved instances

Hands-On Activity

- Develop a multi-cloud pricing strategy based on cloud vendor pricing models and analyze potential cost savings

Days – 5 Automation, Best Practices, and Certification Preparation

Automating Cloud Financial Operations

- The role of automation in FinOps: Automating cost tracking, reporting, and optimization
- Tools for automating cloud cost management tasks (e.g., CloudHealth, CloudBolt, Apptio)
- Integrating cloud cost data with internal financial systems.

FinOps Best Practices

- Best practices for creating an efficient FinOps practice
- Scaling FinOps as your cloud infrastructure grows
- Ensuring compliance with cost governance policies
- Regular cost audits and continuous improvement in cloud financial management.

Certification Exam Preparation

- Key topics to focus on for the FinOps Foundation Certification exam
- Review of practice questions and case studies
- Exam format and structure
- Tips for successfully passing the certification exam

Final Hands-On Activity

- Complete a final project: Build a comprehensive FinOps report and propose a cloud cost optimization strategy based on the organization's cloud usage..

Thank you!

Connect with us for more info

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