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Sign up

Vantage Training: FinOps as Code

2 days (14 hours)

Overview

Our training course introduces you to Vantage, an all-in-one FinOps platform dedicated to controlling cloud costs on AWS, Azure, GCP and Kubernetes. It centralizes visibility, offers optimization recommendations and natively integrates with FinOps as Code via Terraform.

This Vantage training course will enable you to drive cloud financial governance: fine-grained expense allocation, proactive monitoring, automations, CI/CD integration and leveraging AI to query and explain your cost data.

You'll learn how to organize, secure and optimize your multi-cloud costs, implement showback/chargeback, and industrialize your FinOps practices thanks to APIs and Infrastructure as Code.

At the end of this course, you'll know how to deploy an automated FinOps strategy with Vantage, integrated with your CI/CD workflows and adapted to multi-cloud environments.

Like all our training courses, this one is based on the latest Vantage features and patches.

Objectives

- Master the fundamentals of multi-cloud FinOps
- Get to grips with Vantage and its cost reports
- Deploy cost allocation and budget tracking
- Make the most of optimization recommendations
- Integrate Vantage into the DevOps chain and Terraform
- Industrialize FinOps as Code and alerts

Target audience

- FinOps and DevOps engineers
- Cloud / SRE managers

Prerequisites

- Public cloud basics (AWS/Azure/GCP/Kubernetes)
- Notions of Terraform and CI/CD
- General DevOps culture

Our Vantage training program

[Day 1 - Morning]

Introduction to Vantage and FinOps

- Understanding the challenges of FinOps and cloud cost governance
- Presentation of the Vantage platform and its use cases
- Overview of environments : AWS, Azure, GCP, Kubernetes
- Principles of cost allocation and continuous optimization
- Integrating Vantage into a DevOps and cost management approach
- Practical workshop: Getting to grips with and exploring a connected cloud account.

[Day 1 - Afternoon]

Managing and allocating cloud costs

- Designing cost spaces (teams, projects, Cost Centers)
- Tracking by tags/labels, workloads and work units
- Detect budget drift and configure alerts
- Use dashboards to visualize expenses
- Set up showback / chargeback with Vantage
- Practical workshop: Cost allocation structure for a multi-team organization.

Automated optimization and recommendations

- Understand Vantage's optimization recommendations
- Identifying under-utilized resources (instances, volumes, clusters)
- Rightsizing strategies and multi-cloud optimization
- Integrate optimization into CI/CD workflows
- Measuring savings and continuous improvement
- Practical workshop: Applying recommendations to a test environment.

[Day 2 - Morning]

FinOps as Code and Terraform integration

- Principles of FinOps as Code and automation via Terraform
- Reproducible and traceable governance
- Versioning policies and allocation rules
- Import/maintain cost resource status
- CI pipeline demo integrating Vantage and Terraform
- Practical workshop: Deploying an automated FinOps policy with Terraform.

[Day 2 - Afternoon]

Advanced integration and monitoring

- Connecting to DevOps tools: GitHub Actions, Jenkins, ArgoCD
- Monitoring Kubernetes costs (cluster, namespaces, workloads)
- Vantage APIs and SIEM/Monitoring integration
- Multi-level budget alerts and governance
- Tracking the economic performance of projects
- Practical workshop: Vantage integration in a DevOps chain with alerts.

Artificial intelligence and cloud governance

- Use AI to query cost data
- Generate reports for business and management
- Cloud governance best practices and roles
- FinOps / SecOps / DevOps alignment
- Adoption plan and change management
- Practical workshop: Analyze and present the costs of a real project using AI.

Companies concerned

This course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced IT technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the forthcoming course, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or security difficulties within the company (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical training: 60% hands-on, 40% theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Certification

A certificate will be awarded to each trainee who has completed the entire course.