

KOENIG SOLUTIONS • COURSE OUTLINE

Cloud Governance Specialist

Learn to design, implement and enforce cloud governance frameworks covering policy, compliance, risk, cost and automation.

3 Days

DURATION

5

MODULES

29

TOPICS

5

HANDS-ON ACTIVITIES

COURSE OVERVIEW

This course begins with foundational cloud computing concepts, including service and deployment models, virtualization, and stakeholder roles, before examining the technologies that underpin governance, such as networking, storage, automation, and monitoring tools. It then introduces cloud governance fundamentals, covering governance principles, policy lifecycle, security and compliance guardrails, cost governance, and governance artifacts. Advanced topics follow, including custom governance framework design, regulatory compliance mapping, risk management, DevOps and CI/CD integration, governance automation, maturity models, and effectiveness metrics. A hands-on lab reinforces these concepts through building governance policies, simulating enforcement, creating reporting dashboards, and working through use-case scenarios such as cost, security, and access governance.

WHO THIS COURSE IS FOR

Cloud Administrators

Service Owners

Governance Managers

Compliance Officers

Risk Managers

DevOps Engineers

LEARNING OBJECTIVES

- Describe cloud service and deployment models and virtualization basics
- Identify cloud stakeholder roles and their responsibilities
- Explain core cloud architecture, networking, and storage concepts
- Apply monitoring, logging, and service management practices
- Explain cloud governance principles and the policy lifecycle
- Apply security, compliance, and cost governance guardrails
- Design custom governance frameworks mapped to regulatory requirements
- Integrate governance automation into DevOps and CI/CD pipelines

5 Modules, 29 Topics

01

Fundamental Cloud Computing

Foundation concepts essential before learning governance

TOPICS

- Overview of cloud computing
- Cloud service models (IaaS, PaaS, SaaS)
- Cloud deployment models (Public, Private, Hybrid)
- Virtualization basics
- Elasticity, resiliency, on-demand delivery
- Benefits, risks, and challenges of cloud
- Cloud stakeholder roles and responsibilities (e.g., cloud admin, service owner)

02

Cloud Technology Concepts

Deeper dive into cloud technologies that underpin governance

TOPICS

- Core cloud architecture and technology
- Cloud networking fundamentals
- Storage and compute services in cloud
- Automation and orchestration tools
- Monitoring, logging, and performance metrics
- Service management and SLAs
- Tools enabling governance enforcement

03

Fundamental Cloud Governance

First dedicated governance module

TOPICS

- What is cloud governance and why it matters
- Governance principles and framework components
- Policy definition and lifecycle
- Security and compliance guardrails
- Cloud cost and resource governance
- Roles, responsibilities, and governance stakeholders
- **Governance artifacts:** policies, standards, controls
- Common governance challenges and solutions

04

Advanced Cloud Governance

Advanced governance and real world application

TOPICS

- Designing custom governance frameworks
- Regulatory requirements and compliance mapping
- Enterprise risk management and cloud controls
- Integrating governance into DevOps/CI-CD
- Automation for governance enforcement
- Governance maturity models
- Metrics and KPIs for governance effectiveness

05

5 Activities

Cloud Governance Lab

Hands-on lab to apply governance skills

HANDS-ON ACTIVITIES

Practise What You Learn

#	MODULE	ACTIVITY
05	Cloud Governance Lab	■ Building governance policies ■ Simulating governance enforcement in a cloud environment ■ Creating reporting dashboards ■ Tools for compliance monitoring ■ Use-case scenarios such as cost governance, security policies, access governance

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

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Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

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