

Cloud Security and Compliance

Learn how to secure and ensure compliance in cloud environments.

Category: Big Data · Duration: 2 days

WHO IT IS FOR

- Security engineers and system administrators
- DevOps engineers, SREs and ops teams
- Teams that want hands-on practice on real scenarios

In this training program, participants will gain an in-depth understanding of cloud security principles and practices, as well as learn how to effectively implement compliance measures in cloud environments. The course covers various topics such as cloud security architecture, data protection, identity and access management, security assessment, and regulatory compliance.

Prerequisites

Basic knowledge of cloud computing and security concepts.

Syllabus

- Introduction to Cloud Security
- Cloud Security Architecture
- Cloud Data Protection
- Identity and Access Management in the Cloud
- Securing Cloud Infrastructure
- Securing Cloud Applications
- Securing Cloud Networks
- Cloud Security Monitoring and Incident Response
- Cloud Security Assessment and Audit
- Cloud Compliance Frameworks and Regulations
- Managing Governance, Risk, and Compliance in the Cloud
- Best Practices for Cloud Security and Compliance
- Case Studies and Real-world Examples
- Hands-on Labs and Exercises
- Cloud Security Challenges and Future Trends

- Cloud Security Tools and Technologies
- Secure Cloud Migration Strategies
- Cloud Security in DevOps and CI/CD
- Secure Cloud Deployment and Operations
- Cloud Security and Compliance Policies and Procedures