



AWS Certified DevOps Engineer - Professional Exam



"Master DevOps, Ace AWS Certification"





INTRODUCTION



Join the AWS Certified DevOps Engineer - Professional Exam Live Class, brought to you by Upskillment, a leader in professional training and career growth.

This course is designed to help IT professionals master advanced AWS DevOps practices and ace the coveted certification exam. With live, expert-led sessions and hands-on projects, you'll gain practical skills in CI/CD, Infrastructure as Code, automation, monitoring, and security on AWS.

Upskillment's commitment to excellence ensures you're equipped to tackle real-world challenges and advance your career with confidence. Take the next step in your cloud journey today!

Duration: 16 Hours

Mode: Live Instructor-Led Classes (Weekend and Weekday Batches)

Self Paced Also Available



Why Choose Upskillment's AWS Certified DevOps Engineer Training ?



Expert-Led Training

- Courses are designed and delivered by industry experts with years of practical experience.
- Real-world scenarios and use cases ensure a practical, application-focused learning approach.

Comprehensive Learning Support

- Live Interactive Sessions: Engage with instructors in real-time for better understanding and instant doubt resolution.
- 24/7 Support: Round-the-clock assistance ensures no learner is left behind.

Hands-On Learning

- Focus on project-based learning to build real-world skills. Access to datasets, case studies, and tools relevant to the industry.

Industry-Recognized Certifications

- Gain certifications that are valued by top companies across industries. Build credibility and add value to your resume. Career Advancement Opportunities

Module 1: Introduction to AWS DevOps Principles

1. Overview of the AWS Certified DevOps Engineer exam and AWS DevOps ecosystem.
2. Understanding DevOps culture, principles, and the Shared Responsibility Model.
3. Setting up your AWS environment and exploring key DevOps services.

Module 2: Continuous Integration and Continuous Delivery (CI/CD)

1. Building and managing CI/CD pipelines with AWS CodePipeline, CodeBuild, and CodeDeploy.
2. Automating application deployments to EC2, ECS, and Lambda.
3. Implementing rollbacks, blue/green deployments, and testing CI/CD workflows.

Module 3: Infrastructure as Code (IaC)

1. Automating infrastructure with AWS CloudFormation and advanced template design.
2. Using Terraform for provisioning and managing multi-cloud resources.
3. Comparing CloudFormation and Terraform for real-world use cases.

Module 4: Automation and Monitoring

1. Automating operations with AWS CLI, SDKs, and Systems Manager.
2. Monitoring performance and setting alerts with AWS CloudWatch.
3. Configuring automated logging and troubleshooting with AWS tools.

Module 5: Security and Compliance in AWS DevOps

1. Implementing IAM best practices and securing CI/CD and IaC workflows.
2. Ensuring compliance using AWS Config and auditing with AWS CloudTrail.
3. Managing sensitive data securely with AWS Secrets Manager.

Module 6: High Availability, Scaling, and Performance Optimization

1. Designing fault-tolerant architectures using Auto Scaling and load balancers.
2. Optimizing performance with CloudFront, caching, and monitoring tools.
3. Implementing disaster recovery and ensuring application scalability.

Module 7: Advanced DevOps Practices on AWS

1. Implementing advanced automation with AWS Step Functions and EventBridge.
2. Containerization with Docker and orchestration using Amazon ECS and EKS.
3. Exploring emerging DevOps trends like serverless CI/CD and GitOps on AWS.

Module 8: Exam Preparation and Real-World Scenarios

1. Exam structure, question types, and effective preparation strategies.
2. Solving real-world AWS DevOps scenarios and mock tests.
3. Live Q&A and tips for success from industry experts.

AWS Certified DevOps Engineer Career and Industry Growth

- High Demand: AWS leads the cloud market, and DevOps roles are growing rapidly, with the market projected to reach \$25 billion by 2028.
- Lucrative Salaries: Certified professionals earn \$130,000–\$150,000 annually, with 72% advancing their careers within 6 months.
- Key to Transformation: DevOps drives innovation, with 83% of IT leaders prioritizing it for scaling operations and faster delivery

LET'S CONNECT

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