



AWS Certified DevOps Engineer (DOP-C01) Training Certification



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About the Program

AWS Certified DevOps Engineers Certification validates the technical expertise of an individual's which focuses on operation, provision, management of distributed application systems on the platform of AWS. This certification provides tangible advantages that improve your AWS knowledge and showcase accomplishments. Learn how the processor of mapping to DevOps on AWS and specific areas to study.

This professional Certification of Wissenhive's helps pupils validate expertise in implementing and managing DevOps methodology's core principles. It allows you to work with cloud formation condition function & CloudFormation Nested Stacks, Setting up a pipeline of AWS by approving them manually, configuring and working with CodeCommit, and the list goes on.

Key Training Features

-  Ask Questions Real-Time and Interact with the Trainer Live
-  Learner assistance and support - 24x7x365
-  Flexible classes
-  High-quality content created by industry experts
-  Professionally designed Student Training Material
-  High-Quality Audio-Video Lectures
-  Lifetime Training Access
-  Assessments

Training Options

- Self-paced Training
- Live Virtual Classes
- One on One Training

Why AWS DevOps Engineer ?

- Higher Paying Opportunities
- Gain Knowledge and Credibility
- Stand Out Among the Ordinary
- Knowledge of DevOps Engineer Best Practices
- Better Career Growth & Job Opportunities
- Better ROI with Flexibility
- Sharpen your IT Skillset

What will you learn?

- SDLC Automation
- Configuration Management
- Infrastructure as Code
- Policies and Standards Automation
- Incident and Event Response
- Monitoring and Logging
- Fault Tolerance
- Disaster Recovery

Career Option with Salary Compensation

DevOps Engineer

- Minimum - \$74,000
- Avg Salary - \$95,000
- Maximum - \$128,000

Software Engineer

- Minimum - \$63,000
- Avg Salary - \$92,000
- Maximum - \$134,000

Integration Specialist

- Minimum - \$33,000
- Avg Salary - \$47,000
- Maximum - \$67,000

Software Developmen

- Minimum - \$62,000
- Avg Salary - \$72,000
- Maximum - \$97,000

DevOps Manager

- Minimum - \$82,000
- Avg Salary - \$113,000
- Maximum - \$164,000

Security Engineer

- Minimum - \$73,000
- Avg Salary - \$47,000
- Maximum - \$67,000

Target Audience

- Developers
- System Operators
- Engineer
- Practitioners
- Solution Architects
- Release Manager
- SysOps Administrator
- Automation Engineer
- Software Engineer
- Software Release Manager

Prerequisites

There are prerequisites for becoming AWS certified DevOps Engineers or Professional; Wissenhive recommends at least having one of the following:

- The foundational level of AWS certifications
- The associate level of AWS certifications
- AWS Certified Developer Certification Course
- AWS Certified SysOps Administrator Certification Course
- One high-level programming language
- AWS core services knowledge
- Managing and implementing continuous workflows and delivery systems on AWS

Course Details

AWS Certified DevOps Engineers Certification course will allow individuals to enhance their skills and gain advanced knowledge in implementing and automating governance processes, security controls, & compliance validation, managing continuous methodologies and delivery systems on AWS, Defining and Deploying metrics, monitoring, and logging systems on AWS

- Designing a Continuous Delivery and Continuous Integration pipeline
- Outlining different source control and deployment strategies
- Infrastructure as Code and Configuration Management
- Determining how to set up the storage, aggregation, metrics & analysis of logs
- Implementing concepts needed for event management and automated monitoring
- Using concepts that are needed for auditing, logging, and monitoring infrastructures, operating systems, and applications.
- Incident and Event Response
- Design a governance strategy, high availability, scalability, and disaster recovery strategies

Course Curriculum:

1. SDLC Automation

- Source control strategies & implementation
- Automate CI/CD pipeline
- Automate and integrate testing
- Deployment/delivery strategies and implement
- Build and manage artefacts securely

2. Configuration Infrastructure and Management as Code

- Application and infrastructure deployment models
- Deployment services
- Determining how to implement lifecycle hooks on a deployment
- Applying security concepts in the automation of resource provisioning
- Applying concepts required for managing systems using AWS configuration management services and tools

3. Monitoring and Logging

- Storage, aggregation, and analysis of metrics and logs
- Event management and automate monitoring of an environment
- Applying concepts required to log, audit, and monitor operating systems, applications, and infrastructures
- Determining how to implement tagging and other metadata strategies

4. Policies and Standards Automation

- Enforce standards for metrics, logging, testing, monitoring, and security
- Optimizing cost through automation
- Implementing and conceptualizing governance strategies

5. Incident and Event Response

- Automate event management and alerting
- Implement automated healing
- Troubleshoot issues and determine restore operations
- Set up event-driven automated actions

Course Curriculum:

6. High Availability, Fault Tolerance, and Disaster Recovery

- Implement high availability, scalability, and fault tolerance
- Appropriate use of multi-AZ versus multi-region architectures
- Designing and automate disaster recovery strategies
- Determine services based on business needs
- Evaluating deployment for points of failure

Contact us

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If you have any further questions or would like to chat with us, give us a call

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