AWS Certified DevOps Professional Training

About
DevOpsSchool

DevOpsSchool is a unit of "Cotocus PVT ltd" and a leading platform which helps IT organizations and professionals to learn all the emerging technologies and trend which helps them to learn and embrace all the skills, intelligence, innovation and transformation which requires to achieve the end result, quickly and efficiently. We provide over 40 specialized programs on DevOps, Cloud, Containers, Security, AI, ML and on Big data that are focused on industry requirement and each curriculum is developed and delivered by leading experts in each domain and aligned with the industry standards.

About Course

Amazon AWS is a container based secure cloud service platform that offers database storage and content delivery in software development. It offers Infrastructure as a Service (IaaS), Platform as a Service (Paas) and Software as a Service (Saas) together. It reduces costs of infrastructure such as servers. Companies used it's best practices in security with the availability, integrity and confidentiality of your data and provides 'end to end' privacy and 'end to end' security.

DevOpsSchool offers Amazon AWS Training Program to developers and non-developers designed by AWS expert. Amazon AWS Training provides a learning paths and can work with organization or with individual professionals to develop a customized learning strategy. We have Online Classes and Offline Classes available for the candidates.

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Duration	63 Hours
Mode	Online (Instructor-led, live & Interactive)
Projects (Real time scenario based)	1

FEATURES	DEVOPSSCHOOL	OTHERS
Faculty Profile Check	✔	✖
Lifetime Technical Support	✔	✖
Lifetime LMS access	✔	✖
Top 25 Tools	✔	✖
Interviews Kit	✔	✖
Training Notes	✔	✖
Step by Step Web Based Tutorials	✔	✖
Training Slides	✔	✖
Training + Additional Videos	✔	✖

Projects

In AWS Certified DevOps Course a Participant will get total 100+ Lab Assignment, real time scenario based projects to work on, and 250+ real-time interview questions, as part of these projects, we would help our participant to have first hand experience of real time scenario based software project development planning, coding, deployment, setup and monitoring in production from scratch to end. We would also help our participants to visualize a real development environment, testing environment and production environments.

Interview

As part of this, You would be given complete interview preparations kit, set to be ready for the DevOps hotseat. This kit has been crafted by 200+ years industry experience and the experiences of nearly 10000 DevOpsSchool DevOps learners worldwide.

AGENDA OF THE AWS CERTIFIED DEVOPS PROFESSIONAL TRAINING

SDLC Automation

- CodeCommit
- CodeBuild
- CodePipeline
- CodeDeploy
- AWS CodeStar
- Apply concepts required to automate a CI/CD pipeline
- Determine source control strategies and how to implement them
- Apply concepts required to automate and integrate testing
- Apply concepts required to build and manage artifacts securely
- Determine deployment/delivery strategies (e.g., A/B, Blue/green, Canary, Red/black) and how to
- implement them using AWS Services

Configuration Management and Infrastructure as Code

- Determine deployment services based on deployment needs
- Determine application and infrastructure deployment models based on business needs
- Apply security concepts in the automation of resource provisioning
- Determine how to implement lifecycle hooks on a deployment
- Apply concepts required to manage systems using AWS configuration management tools and services

Monitoring and Logging

- Determine how to set up the aggregation, storage, and analysis of logs and metrics
- Apply concepts required to automate monitoring and event management of an environment
- Apply concepts required to audit, log, and monitor operating systems, infrastructures, and applications
- Determine how to implement tagging and other metadata strategies

Policies and Standards Automation

- Apply concepts required to enforce standards for logging, metrics, monitoring, testing, and security
- Determine how to optimize cost through automation
- Apply concepts required to implement governance strategies

Incident and Event Response

- Troubleshoot issues and determine how to restore operations
- Determine how to automate event management and alerting
- Apply concepts required to implement automated healing
- Apply concepts required to set up event-driven automated actions

High Availability, Fault Tolerance, and Disaster Recovery

- Determine appropriate use of multi-AZ versus multi-region architectures
- Determine how to implement high availability, scalability, and fault tolerance
- Determine the right services based on business needs (e.g., RTO/RPO, cost)
- Determine how to design and automate disaster recovery strategies

Evaluate a deployment for points of failure

Thank you!

Connect with us for more info

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