LEARN, THINK, INNOVATE

Overview

Let eMexo Technologies **Best AWS DevOps Engineer Certification Training in Electronic City Bangalore** take you from the fundamentals of AWS DevOps Engineer to Advance AWS DevOps Engineer and make you an expert in developing real-time AWS DevOps Engineer applications. Here is the major topics we cover under this AWS DevOps Engineer course Syllabus **Introduction To DevOps On Cloud, SDLC Automation, Automating Infrastructure With CloudFormation, Application Deployment Using Elastic Beanstalk, Configuration Management Using OpsWorks, Automate Monitoring And Event Management In AWS, High Availability, Fault Tolerance And Disaster Recovery, and Container Management Tools**. Each topic will be covered in practical ways with examples for our AWS DevOps Engineer Course in Electronic City Bangalore.

All the topics will be covered with Practical and hands-on training. Our trainers have industry experience with live project experience in cutting-edge technologies they teach. We hire only the Best AWS DevOps Engineer industry specialists as trainers for our **AWS DevOps Engineer Certification Training in Electronic City Bangalore**.

If you are looking for an AWS DevOps Engineer Certification Course in Electronic City Bangalore, eMexo Technologies is the Best **AWS DevOps Engineer Training Institute in Electronic City Bangalore**. Come over to our training institute for a free demo class. Let our trainer give you a demo on AWS DevOps Engineer and only then do you take the decision to enroll in the training program.

Training Features

Real-life Case Studies

Do a real-life case study to understand the usage in real-world scenarios.

Assignments

Each class will be followed by a practical assignment switch that can be completed before the next class.

Preparation for interview

Our trainers are professionals working in multinational corporations. They are experts in their field and know exactly what the interviewer will look for in the candidate. Experienced trainers share interview questions and conduct mock interviews to help prepare for the actual interview.

Key Features

eMexo Technologies offers the **Best AWS DevOps Course in Electronic City Bangalore** with the TOP industry expert trainers.

Here are the key features.

★ Free Demo Class Available

★ Practical Approach

★ Expert & Certified Trainers

★ 100% Job Oriented Training

★ Real World use cases and Scenarios

★ Completed 500+ Batches

★ Certification Guidance

Unit 1: Introduction To DevOps On Cloud

➢ Understanding DevOps and its lifecycle

➢ Why DevOps on Cloud?

➢ Introduction to AWS

➢ DevOps using AWS

➢ Security Management – IAM (Identity and Access Management), WAF (Web Application Firewall), AWS Shield, Guard Duty

➢ Trusted Advisor

➢ Governance Strategies

➢ Hands-On

Unit 2: SDLC Automation

➢ CodeCommit

➢ CodeBuild

➢ CodePipeline

➢ CodeDeploy

➢ AWS CodeStar

➢ Hands-On

Unit 3: Automating Infrastructure With CloudFormation

➢ Introduction to CloudFormation

➢ CloudFormation Template

➢ Intrinsic Functions & Conditions

➢ Stack Creation

➢ Advanced CloudFormation Concepts – CloudFormation Nesting, CloudFormation Wait Conditions & Wait Condition Handlers, CloudFormation Helper Scripts, CloudFormation Custom Resources

➢ CloudFormation Stack Updates

➢ CloudFormation Resource Deletion Policy

➢ CloudFormation Best Practices

➢ Troubleshooting

➢ Hands-On

Unit 4: Application Deployment Using Elastic Beanstalk

➢ Introduction to Elastic Beanstalk

➢ Components of Beanstalk

➢ Deployment Option

➢ Platform Updates

➢ Docker in Elastic Beanstalk

➢ Extending Beanstalk using extensions

➢ Alarms and Notification

➢ Troubleshooting

➢ Hands-On

Unit 5: Configuration Management Using OpsWorks

➢ Introduction to OpsWorks

➢ Components of OpsWorks

➢ Cookbooks, Recipes, Data bags and Berkshelf

➢ OpsWorks Lifecycle Events

➢ OpsWorks Deployment

➢ OpsWorks Auto-Healing

➢ Troubleshooting

➢ Hands-On

Unit 6: Automate Monitoring And Event Management In AWS

➢ Introduction to CloudWatch

➢ CloudWatch Metrics: EC2, ELB, and Auto Scaling metrics

➢ Custom Metrics

➢ CloudWatch Alarms

➢ CloudWatch Agent

➢ CloudWatch Logs

➢ Introduction to CloudTrail

➢ System Manager

➢ Tagging

➢ Concepts required to set-up event-driven automated actions – Lambda, SNS, Autoscaling

➢ Hands-On

Unit 7: High Availability, Fault Tolerance And Disaster Recovery

➢ EBS

➢ Elastic IP

➢ Multi region and multi AZs

➢ SQS

➢ Data Management in Amazon RDS

➢ Dynamo DB

➢ S3

➢ Provisioning elasticity using Load Balancer and Auto-Scaling

➢ Components of Auto Scaling

➢ Horizontal and vertical scaling

➢ Auto-Scaling Lifecycle

➢ Recovery Time Objective and Recovery Point Objective

➢ Disaster Recovery Options

➢ Overcome single Point of Failure

➢ Hands-On

Unit 8: Container Management Tools

➢ Orchestration

➢ Elastic Container Service

➢ Amazon ECR

➢ Select a Launch type for your application

➢ ECS with EC2

➢ ECS with Fargate

➢ Hands-On

Unit 9: AWS Certified DevOps Engineer Exam Discussion

➢ AWS Certified DevOps Engineer Exam Guide

➢ Certification Exam Questionnaires

FAQs

1. How is the training organized? How much percentage is theoretical and how much is practical hands-on?

We at eMexo believe nothing beats hands-on practice when it comes to learning a concept. Our teaching methodology is 100% practical and hands-on oriented. You learn a concept, you practice it then and there with the trainers. We also give you assignments for each topic which you can practice at home and any doubts regarding the topic can be cleared with the trainer the next day.

2. What is the course duration? How and when do you plan to complete the course?

We generally cover our courses in 60 hours, however, we know that we can't put a hard- stop to learning with a number. Our trainer will make sure that you have learned everything that is part of the curriculum. This could mean 48 hours or 60 hours, doesn't matter.

3. What is the material provided in the training?

We have industry standard course material which is used by our trainers to train you. At the end of the training, apart from the notes which you have taken during the course, we will also provide you with the training material which was used. This training material includes the training content, interview questions, etc.

4. Do you help in preparing for the interview?

Our trainers are working professionals who work in MNCs. They are the experts in their domain and they know exactly what an interviewer looks into a candidate. Our expert trainers apart from sharing the interview questions will also conduct mock interviews to help you prepare for the real interview.

5. Who are your trainers?

Our trainers are industry experts who work in their respective technologies day in and day out. They work in MNCs and are technology experts within their organizations.

6. **What is the total batch size per course?**

We maintain a strict batch size of a maximum of 5 students. We also provide exclusive one-to-one training as well. Talk to our training partner to get more details.

7. Do you provide certification for the course?

Yes, at the end of training we provide a certification of completion.

8. Will I be joining a new batch or being merged with another batch?

You will be added to a new batch.

9. Is fast-track training available?

Yes, we also provide fast-track training for those who want to complete the course faster. The curriculum and the total hours required to complete the course will remain the same. However, the trainer will be spending more hours with you to complete the course.

10. Do you assist in job placement?

Our trainers are expert professionals in their organizations and they often act as the interviewer to hire new candidates. Our trainers will help you prepare your resume with industry standards. After all, they know exactly what to look for in a resume.

11. Timings for training - Regular training/weekend training?

We provide both regular and weekend training. Talk to our training partner to learn more about the timings.

12. Will you be working on a live project during training?

Yes, apart from doing the hands-on practice our trainer will also be taking a real-world project and working with you on the implementation.

13. What happens if I miss a class?

If you miss a class the content of that class will be taught to you again. With us, you might miss a class but not the content.

14. Can I attend a demo before the actual class?

Yes, absolutely! Talk to our training counselor on the phone at **+91-9513216462** or email us at **info@emexotechnologies.com** to arrange a free demo. You can also fill in the contact us form below and we will call you to discuss your training requirements.