LEARN, THINK, INNOVATE

AWS
Development Certification Training

Overview

Let eMexo Technologies Best **AWS Development Training in Electronic City Bangalore** take you from the fundamentals of AWS Development to Advance AWS Development and make you an expert in developing real-time AWS integrated applications. Here are the major topics we cover under this AWS Development course Syllabus: **AWS Cloud Essentials, AWS Fundamentals, AWS Console & Usage, AWS Software development Kit & command line tool kit, Monitoring & Metrics, High Availability, Analysis & Data Management, Security & Networking, Deployment & Provisioning, Big Data & Analytics, Cloud Best Practices, and Cost Optimization.** Each topic will be covered in a practical way with examples for our AWS Development 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 Development industry specialists as trainers for our **Amazon Web Services Development Certification Training in Electronic City Bangalore**.

If you are looking for an AWS Development Certification Course in Electronic City Bangalore, eMexo Technologies is the Best **AWS Development 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 Development 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 not only share interview questions but also conduct mock interviews to help prepare for the actual interview.

Key Features

eMexo Technologies offers the **Best AWS Development Training 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: AWS Cloud Essentials

➢ Basic overview of the cloud

➢ Different types of cloud models

➢ Different types of cloud services

➢ Different vendors of cloud implementation

➢ Why to choose AWS?

➢ Features of AWS and key offerings

➢ Who is using AWS/customers

➢ Real time Use-cases

➢ Opportunities in Cloud / Market

➢ Hands-On

Unit 2: AWS Fundamentals

➢ AWS service catalogue, AWS Paradigm

➢ AWS console

➢ Overview of below services along with usage, Compute Service

➢ Storage Service, Database Service

➢ Content Delivery Service

➢ Network Service, Application Service

➢ Deploy & Management Service

➢ Hands-On

Unit 3: AWS Console & Usage

➢ AWS console, Explain each service visually over the console

➢ Compute Service

➢ Storage Service

➢ Database Service

➢ Content Delivery Service

➢ Network Service

➢ Application Service

➢ Deploy & Management Service

➢ Hands-On

Unit 4: AWS Software development Kit & command line tool kit

➢ AWS Java SDK Kit

➢ Step by step Java SDK installation

➢ Configuration

➢ Develop sample java program and access AWS resources

➢ AWS CLI tool kit

➢ Step by step Java SDK installation

➢ Configuration

➢ Develop sample java program and access AWS resources

➢ Hands-On

Unit 5: Monitoring & Metrics

➢ Demonstrate ability to monitor availability and performance

➢ Creating Cloud Watch Alarms

➢ Installing And Configuring Monitoring Scripts for Amazon EC2 Instances

➢ Elastic Compute Cloud (EC2) Instance and System Status Checks

➢ Monitoring EBS For Performance And Availability

➢ Monitoring RDS For Performance And Availability

➢ Monitoring The Elastic Load Balancer For Performance And Availability

➢ Demonstrate ability to monitor and manage billing and cost optimization processes

➢ AWS Billing And Linking AWS Accounts

➢ AWS Billing Dimensions and Metrics For Cloud Watch

➢ Hands-On

Unit 6: High Availability

➢ Implement scalability and elasticity based on scenario

➢ Scalability And Elasticity Essentials

➢ Determining Reserved Instance Purchases Based Off Business Needs

➢ Elastic Load Balancer

➢ Autoscaling

➢ What is autoscaling and where to use, how to configure autoscaling & autoscaling groups

➢ Demo on scale up and scale down scenarios, Ensure level of fault tolerance based on business needs

➢ High Availability by using Elastic IP Addresses, Understanding RDS Multi-AZ Failover

➢ Hands-On

Unit 7: Analysis & Data Management

➢ Different storage services

➢ How to create and attach EBS volumes, EBS Root Devices On Terminated Instances – Ensuring Data Durability

➢ What is Ephemeral storage? what is the usage? how create and attach s3 bucket

➢ Demonstrate ability to create backups for different services (EC2 & RD, how to create a customized AMI

➢ How to take a snapshot and reuse the AMI

➢ How to take a backup of the RDS instance

➢ How to enable to auto snapshots for the RDS instance

➢ Managing Backup And Disaster Recovery Processes

➢ Quickly Recovering From Disasters

➢ Read Replicas With MySQL RDS Across Regions

➢ Storing Log Files And Backups from glacier service

➢ Hands-On

Unit 8: Security & Networking

➢ Implement and manage security policies

➢ S3 Bucket Policies, Building IAM Policies

➢ Network Access Control Lists (NACLs)

➢ Using IAM Roles With EC2

➢ Ensure data integrity and access controls when using the AWS platform

➢ What is MFA On Amazon Web Services (Multifactor Authentication)

➢ What is Security Token Service

➢ Demonstrate ability to prepare for security assessment use of AWS

➢ Different AWS provided certificates & standards followed at AWS data centers

➢ How to handle IT Audits, Demonstrate ability to implement networking features of AWS

➢ Route53 and DNS Failover

➢ VPC Essentials, Building A Non-Default VPC, VPC Networking, VPC Security, DB Subnet Groups, Elastic IP Addresses And Elastic Network Interfaces

➢ Configuring A Web Application In VPC

➢ Building A Virtual Private Cloud From Scratch – VPC

➢ Troubleshooting Connectivity In Issues, Demonstrate ability to implement connectivity features of AWS

➢ What is the AWS Direct Connect & On-premise To VPC Redundancy

➢ Hands-On

Unit 9: Deployment & Provisioning

➢ Demonstrate the ability to provision cloud resources and manage implementation automation

➢ Creating Our First Stack

➢ Creating an Amazon Virtual Private Cloud with Cloud Formation And Launching An EC2 Instance

➢ Hands-On

Unit 10: **Big Data & Analytics**

➢ What is the usage of the EMR and big data concepts

➢ How to launch and configure the EMR service

➢ Run a sample MapReduce program to view the job details to analyze the Big data

➢ Hands-On

Unit 11: **Cloud Best Practices**

➢ Cloud Security Best Practices at each layer, Compute Service

➢ Storage Service

➢ Database Service

➢ Content Delivery Service

➢ Network Service

➢ Application Service

➢ Deploy & Management Service

➢ Hands-On

Unit 12: **Cost Optimization**

➢ Cost Optimization at each layer

➢ Compute Service

➢ Storage Service

➢ Database Service

➢ Content Delivery Service

➢ Network Service

➤ Application Service

➤ Deploy & Management Service

➤ Hands-On

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.