AWS Online Training Course

Our AWS training course is meticulously designed to equip you with expert-level skills in Amazon Web Services, empowering you to become a proficient cloud professional. Starting from the foundational principles of cloud computing, this course will guide you through deploying, managing, and scaling applications using AWS's robust suite of services. You'll dive deep into real-world scenarios, including cloud architecture, security, DevOps, and big data processing, all under the mentorship of certified AWS instructors. By the end of this course, you'll not only master AWS but also be prepared to tackle cloud-based projects with confidence and efficiency.

Course Duration: 35 To 45 Hours   Flexible Timing: Weekdays & Weekend

Minimum Batch Size   100 % Placement Assistance

Key Features

Instructor-led Live Online Training
Hands-on Learning
Flexible Schedules
Experienced Trainers
100% Job Assistance
Real-Time Projects
Study Materials
Interview Preparation Guidelines
Global Certification Support

AWS Course Prerequisites:

To enroll in our AWS training course, basic knowledge of cloud computing and networking is recommended, though not mandatory. Familiarity with general IT concepts, operating systems (especially Linux), and basic programming or scripting will be helpful. Prior experience with

virtualization or other cloud platforms can be advantageous, but beginners are welcome as the course covers AWS from foundational to advanced levels, ensuring a solid understanding for all participants.

AWS Course Syllabus

Module 1: Introduction to Linux

- Basics of Linux

- User and group management

- Software management

Module 2: Introduction to Cloud Computing

- What is Cloud?

- Virtualization

- Cloud Service Models

- Scaling

Module 3: Introduction to AWS

- Overview of AWS and its services

- AWS Global Infrastructure

- AWS Marketplace

Module 4: Identity Access Management (IAM)

- Secure AWS environments

- Managing access policies

Module 5: EC2 Instances

- Introduction to Amazon Machine Images (AMI
- Instance Types
- Security Groups

Module 6: Auto Scaling

- Auto Scaling
- Scaling Policies

Module 7: Load Balancing

- Elastic Load Balancing (ELB)

Module 8: Elastic Block Storage (EBS)

- EBS Management
- Snapshots

Module 9: Object Storage (Amazon S3)

- Amazon S3
- S3 Features

Module 10: CloudFront (Content Delivery Network)

- AWS CloudFront
- Setting up distributions to cache and deliver content globally, reduce latency, and improve site speed.

Module 11: Route53

- DNS Management
- Routing Policies

Module 12: AWS Security Practices

- Security best practices for cloud deployment.
- AWS Shared Responsibility Model

Module 13: Virtual Private Cloud (VPC)

- Amazon VPC
- Manage subnets, security groups, and network ACLs for securing traffic.
- VPN Connectivity

Module 14: Relational Database Services (RDS)

- Learn to manage databases like MySQL, Oracle, and SQL Server on RDS.
- Configure backups, updates, and connectivity for high availability.

Module 15: NoSQL with DynamoDB

- Amazon DynamoDB
- Learn about consistency models (eventual and strong consistency).

Module 16: AWS Monitoring (CloudWatch)

- CloudWatch
- Integrate CloudWatch with auto-scaling for dynamic resource management.

Module 17: Application Services

- Explore services like Simple Notification Service (SNS), Simple Queue Service (SQS), and Lambda to build scalable applications.

Module 18: AWS Troubleshooting

- Learn to troubleshoot common issues using CloudWatch, ELB, and CloudFront.

Module 19: AWS Architecture & Design

- High Availability & Disaster Recovery

- Plan and implement disaster recovery using backup strategies.

Module 20: DevOps Fundamentals

- Learn the principles of DevOps and use AWS DevOps tools like Elastic Beanstalk, Code Pipeline, and Code Deploy to automate CI/CD workflows.

FAQ:

1. What is AWS used for?

AWS (Amazon Web Services) is a platform that offers cloud services like storage, servers, and databases. Companies use it to run applications without needing their physical hardware.

2. Why should I learn AWS?

AWS is widely used by businesses around the world. Learning AWS can help you get jobs in IT, cloud computing, or software development, as many companies look for people with AWS skills.

3. Do I need any experience before learning AWS?

Not much! Having basic IT and networking knowledge is helpful, but most AWS courses start from the basics, so beginners can also learn.

4. What will I learn in an AWS course?

You'll learn how to use different AWS tools like EC2 (virtual machines) and S3 (cloud storage), how to set up networks, and how to manage security and databases in the cloud.

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5. Are AWS certifications useful?

Yes! AWS certifications are recognized globally and show employers you have cloud computing skills. It can boost your chances of getting jobs in cloud-based roles.

6. What top companies have Jobs in AWS?

Accenture, Capgemini, IBM, Infosys, TCS, Mindtree, and More.