



Cloud Computing

AWS Developer Associate

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With our Top Tier IT & Enterprise training Courses, We enable you to the forefront & become 'Industry Ready' in this Advancing & Unforeseen Digital World with your upskill Innovations.

Course overview

- AWS overview
- Elastic cloud compute

- Amazon simple storage services
- Identity access management
- Dynamo DB & DB services
- AWS software development kit and command line interface kit
- Virtual private cloud
- AWS console and it's uses
- Security and the networking
- Big data and analytics

Course Contents

AWS overview

- Brief description about cloud computing
- What are the various AWS platforms and services
- AWS infrastructure and security

Elastic cloud compute

- Brief description about Elastic cloud compute
- Benefits of Elastic cloud compute
- Brief description about Amazon Machine Images
- Instance life cycle
- Amazon EFS
- User data and meta data in elastic cloud compute
- Autoscaling in elastic cloud compute

Amazon simple storage services

- Introduction to Amazon simple storage services
- Simple storage services data consistency model
- Version control and life cycle management
- Creation of buckets and user manuals
- How to host a static website in simple storage services
- Cloud front integration
- Auto scaling & elastic load balancer

Identity Access management - IAM

- Introduction of Identity access management & features of IAM
- What are the elements, policies , resources of identity access management

- Analyzing sample JSON Script
- IAM access keys
- How to use IAM as a single sign on i.e., (SSO)

Dynamo DB & DB services

- Introduction & features of Dynamo DB
- Purpose of Query & Scan operations in dynamo DB
- Access Control of dynamo DB & data migration
- Concepts of Relational Database services
- Overview, features, of Database instance
- RDS Database fail over process
- Differences between Aurora and other Database engines
- Amazon ElastiCache
- Red shift

AWS Software development kit and Command line Interface kit

- Introduction to AWS Software development kit
- How to install AWS Software development kit for PHP & how to configure it
- Uses of AWS Software development kit with client objects
- How to manage, review AWS Software development kit for python
- Command line interface service setup & it's operations.

Virtual private cloud - VPC

- Introduction , configuration of VPC
- How to create and use VPC wizard
- What are the Routing tables & Route priority for VPC
- How to compare NACL with security groups
- How to configure NAT gateway at instance
- VPN connections
- VPC peering
- VPC limits & it's characteristics

AWS console and it's uses

- Introduction to AWS console
- Compute, store and database services

- Deploy & management service
- Network service

Security and the networking

- Implement and manage security policies
- How to build IAM policies
- How to use IAM with EC2
- Security token service
- Handling IT Audits
- VPC essentials
- VPC networking and security
- Trouble shooting issues
- Route53 and DNS failover

Big data and analytics

- How to analyze unstructured data using AWS EMR
- Uses of EMR & big data concepts
- EMR service configuration

Projects & Assignments

Our Expert trainers will provide the real time Projects & Assignments.



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Support

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