FUTURE PATH
INFOCAMPUS

www.**teaminfocampus**.com

aws | Amazon
Web Services

About Infocampus

Infocampus is a community of learners, educators, and industry professionals dedicated to creating a supportive and dynamic learning environment. Since 2009, we have specialized in IT and networking courses for both beginners and professionals, bridging the gap between theory and practice. Our mission is to prepare students for the evolving tech industry, making us a trusted choice for career advancement in technology.

Key Features

Hands on training for real world application

Highly experienced and skilled faculties

State-of-the-Art Infrastructure

Course completion certificate

Job Assistance

15+
Years of Expertise

5K+
Successful Graduates

AWS Syllabus

Amazon certified Solution Architect Associate

- ↗ Introduction to cloud computing
- ↗ Introduction to Virtualization
- ↗ Private, Public and Hybrid cloud
- ↗ Iaas, Paas, Saas
- ↗ Why Cloud Computing?
- ↗ Benefits of Cloud Computing
- ↗ Introduction to AWS
- ↗ Introduction to the AWS Product
- ↗ Regions and Availability Zones
- ↗ Navigate the AWS Management Console
- ↗ Recognize AWS Global Infrastructure
- ↗ Describe the security measures AWS
- ↗ provides
- ↗ Compute Services & Networking
- ↗ Identify the different AWS compute and networking options
- ↗ Describe an Amazon Virtual Private Cloud (VPC)
- ↗ Subnet, Nat Servers and Jump Servers
- ↗ On-demand, Spot, Reserved instances
- ↗ 5 | PageCreate an Amazon EC2 instance

AWS | Amazon Web Services
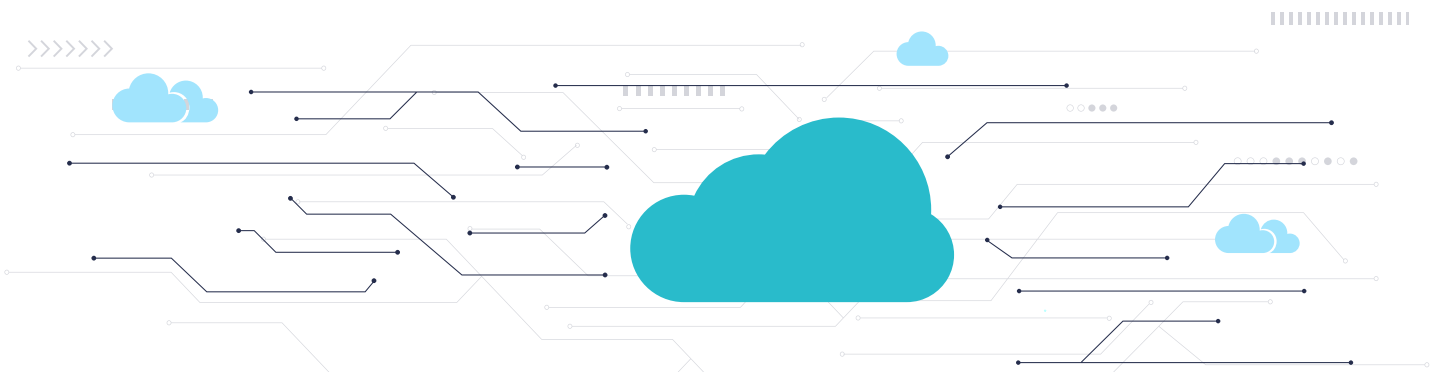
Duration 40 – 50 Hours

- Connect to the Amazon EC2 instance using key pairs
- AWS Storage & Content Delivery
- Identify key AWS storage options
- Describe Amazon EBS
- Creating an Elastic Block Store Volume
- Adding an EBS Volume to an Instance
- Snapshotting an EBS Volume and Increasing Performance
- Create an Amazon S3 bucket and manage associated objects
- Database Solutions on AWS
- Describe Amazon DynamoDB
- Verify key aspects of Amazon RDS
- Execute an Amazon RDS drive application
- Deployment and Management Identify AWS CloudFormation
- Describe Amazon CloudWatch metrics and alarms
- Describe Amazon Identity and Access Management (IAM)
- AWS DNS service
- Introduction to Route53
- Route53 Configuration and Troubleshooting
- Amazon Route 53 Health Check
- Amazon Route 53 Failover
- Configure a DNS Failover to an Amazon S3 static website
- AWS Load Balancing Service
- Introduction Elastic Load Balancer

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Duration 40 – 50 Hours

- Creating and Verifying Elastic Load Balancer
- AWS LAMDA
- Introduction to AWS Lambda
- Distributed Environments
- Handling S3 Events using the AWS Lambda Console Monitor Lambda S3 functions through Amazon CloudWatch
- Infrastructure as Code
- Assignments
- Content Delivery Web Service
- Introduction to Amazon CloudFront
- Creating an Amazon CloudFront Web Distribution
- AWS Simple Monthly Calculator
- Introduction to Amazon Simple Montly Calculator
- Spot, Reserved, Utilization Based Estimate Reviewing Large Scale Design Patterns Designing for Cost Assignments
- Cloud Formation
- Elastic Bean Stack
- Live project

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