

# CERTIFICATION IN AMAZON WEB SERVICES



## Course Code : OCIT0004

Amazon Web Services is an emerging technology platform, which disrupts the technology industry. It helps to gain easy access to the on-demand computing sources. There are number of services provided by Amazon Web Services (AWS). These services help in storing data, hosting a website, deploying an application, creating a website, etc. AWS provides scalable, secure, reliable and fast storage services. AWS has several tools that help in creating and managing resources.

## Curriculum

- Module 1: Introduction to AWS**
- Module 2: AWS Management Console**
- Module 3: AWS Storage and Elasticity**
- Module 4: AWS Networking**
- Module 5: AWS Security**
- Module 6: AWS Services**
- Module 7: Platform Services**
- Module 8: AWS Management Services**
- Module 9: AWS and Applications on Cloud**
- Module 10: AWS Costs**

## Learning Outcomes

- Summarize the benefits of AWS which helps while using their service on the cloud
- Simulate the various steps involved to set up an AWS account so that it can be used to work on AWS
- Outline the services of Glacier with respect to action, scoping and pricing
- Simulate the steps involved in the mapping of an AWS network
- Identify the security groups that is used in specific application partitioning
- Identify the steps needed to integrate your application with AWS service
- Compare the various services of AWS like Queue, Notification, Email, Workflow
- Simulate Auto-scaling in AWS in order to automatically scale the AWS resources
- Identify the Design Principles to port the applications to the Cloud
- Outline the various advantages of Cost Utilization Tracking for the AWS services