
AWS Technical Essentials

Overview

This course introduces you to AWS products, services, & common solutions. It provides IT technical end users with basic fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions.

Target Audience

The course is appropriate for individuals responsible for articulating the technical benefits of AWS services, any individual who is new to AWS, or SysOps Administrators and Developers who are interested in using AWS services.

Course Objectives

Skills learned in this course include:

Recognize terminology and concepts as they relate to the AWS platform

Navigate the AWS Management Console

Understand the security measures AWS provides

Differentiate AWS Storage options and create an Amazon Simple Storage Service (S3) bucket

Recognize AWS Compute and Networking options and use Amazon Elastic Compute Cloud (EC2) and Amazon Elastic Block Storage (EBS)

Describe Managed Services and Database options

Use Amazon Relational Database Service (RDS) to launch an application

Identify Deployment and Management options

Course Outline

1 - Module 1: Introduction & History to AWS

Navigate the AWS Management Console

Recognize AWS Global Infrastructure

Describe the security measures AWS provides

2 - Module 2: AWS Storage & Content Delivery

Identify key AWS storage options

Describe Amazon EBS

Create an Amazon S3 bucket and manage associated objects

3 - Module 3: Compute Services & Networking

Identify the different AWS compute and networking options
Describe an Amazon Virtual Private Cloud (VPC)
Create an Amazon EC2 instance
Verify how to use Amazon EBS

4 - Module 4: AWS Managed Services & Database

Describe Amazon DynamoDB
Verify key aspects of Amazon RDS
Execute an Amazon RDS drive application

5 - Module 5: Deployment and Management

Identify AWS CloudFormation
Describe Amazon CloudWatch metrics and alarms
Describe Amazon Identity and Access Management (IAM)
