

Description

AWS Technical Essentials introduces you to AWS products, services, and common solutions. It provides you with fundamentals to become more proficient in identifying AWS services so that you can make informed decisions about IT solutions based on your business requirements and get started working on AWS.

At a Glance

Level	Modality	Length
Foundational	Instructor-led, Live or Virtual Class	1 Day

Course Objectives

This course is designed to educate you about:

- 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

Intended Audience

This course is intended for:

- Individuals responsible for articulating the technical benefits of AWS services to customers
- Individuals interested in learning how to get started with using AWS
- SysOps administrators, Solution Architects and developers interested in using AWS services

Delivery Method

This course is delivered through a mix of instructor-led training (ILT) and knowledge checks

Duration

1 day.

Course Outline

Module 1: Introduction & History to AWS

- Navigate the AWS Management Console
- Recognize AWS Global Infrastructure
- Describe the security measures AWS provides

Module 2: AWS Storage & Content Delivery

- Identify key AWS storage options
- Describe Amazon EBS
- Create an Amazon S3 bucket and manage associated objects

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

Module 4: AWS Managed Services & Database

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

Module 5: Deployment and Management

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