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AWS Technical Essentials

Course Code
SSAWS01
Duration
1 Day
Format
Classroom | Classroom/Virtual | Virtual

Overview

AWS Technical Essentials introduces you to AWS products, services, and 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 based on your business requirements.

Objectives

This course is designed to teach you how to:

- 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

Content

This course will cover the following:

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

Who Should Attend

This course is intended for:

- Individuals responsible for articulating the technical benefits of AWS services
- Any individual who is new to AWS
- SysOps Administrators and Developers who are interested in using AWS services

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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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