ProTech Professional Technical Services, Inc.

AWS Technical Essentials

Course Summary

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.

Objectives

- After taking this course, students will learn:
- Terminology and concepts related to the AWS platform
- How to navigate the AWS Management Console
- Key concepts of AWS security measures and AWS Identity and Access Management (IAM)
- What some of the key AWS services are, including:
    o Foundational services: Amazon Elastic Compute Cloud (Amazon EC2), Amazon Virtual Private Cloud (Amazon VPC), Amazon Simple Storage Service (Amazon S3), and Amazon Elastic Block Store (Amazon EBS)
    o Database services: Amazon DynamoDB and Amazon Relational Database Service (Amazon RDS)
    o Management services: including AWS Auto Scaling, Amazon CloudWatch, Elastic Load Balancing (ELB), and AWS Trusted Advisor

Topics

- Introduction and History of AWS
- AWS Foundational Services: EC2, VPC, S3, EBS
- AWS Security, Identity, and Access Management: IAM
- AWS Databases: RDS, DynamoDB
- AWS Management Tools: Auto Scaling, CloudWatch, Elastic Load Balancing, Trusted Advisor

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

Duration

One Day