

AWS Technical Essentials

Course Benefits & Agenda



Overview

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Course Benefits

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Agenda

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Overview

AWS Technical Essentials introduces you to AWS products, services, and common solutions. It provides you 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 and get started working on AWS.

Course Benefits

This course teaches you how to:

- Recognize terminology and concepts as they relate to the AWS platform and navigate the AWS Management Console.
- Understand the foundational infrastructure services, including Amazon Virtual Private Cloud (VPC), Amazon Elastic Compute Cloud (EC2), Amazon Elastic Block Store (EBS), Amazon Simple Storage Service (S3), Auto Scaling, and Elastic Load Balancing (ELB).
- Understand the security measures AWS provides and key concepts of AWS Identity and Access Management (IAM).
- Understand AWS managed database services, including Amazon DynamoDB and Amazon Relational Database Service (RDS).

Agenda

Day 1

Module	Topic
Welcome	
Module 1	AWS Introduction and History, AWS Global Infrastructure
Demo 1	AWS Management Console
Module 2	Compute and Network services: EC2, VPC
Lab 1	Build your VPC and Launch a Web Server
Module 2	Storage services: S3, EBS
Demo 2	S3
Module 3	AWS Security, IAM
Demo 3	IAM
Module 4	Databases (RDS, DynamoDB)
Lab 2	Build your Database Server and Connect to it
Module 5	Auto Scaling, Load Balancing, CloudWatch, Trusted Advisor
Lab 3	Scale and Load Balance your Architecture
Module 6	Course Wrap-up