AWS Technical Essentials Training

Duration: **1 Day**

BILGINC IT Academy
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Overview

The **{*training}** course provides a foundational introduction to Amazon Web Services (**AWS**), its core services, cloud computing concepts, and common solution patterns used across modern cloud environments. The course helps participants understand how AWS services can be applied to meet business and technical requirements while building a solid foundation for working in the AWS Cloud.

Participants will explore key AWS services including **Amazon EC2**, **Amazon VPC**, **Amazon S3**, **Amazon EBS**, **AWS Identity and Access Management (IAM)**, **Amazon RDS**, and **Amazon DynamoDB**, while gaining an understanding of AWS security, networking, database services, and operational management tools.

Through hands-on labs and practical demonstrations, learners will develop the technical knowledge needed to confidently navigate AWS environments and begin building cloud-based solutions using AWS best practices.

Prerequisites

This course is designed for technical audiences seeking a foundational understanding of AWS products and services.

For business leaders and decision-makers, **AWS Business Essentials** is the recommended alternative.

Who Should Attend

This course is intended for:

- Professionals responsible for explaining the technical benefits of **AWS services**
- Individuals interested in getting started with AWS
- **SysOps Administrators**
- **Solutions Architects**
- **Cloud Engineers**
- **Software Developers**
- IT professionals pursuing AWS certifications

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What You Will Learn

By the end of this {*training}, you will have gained knowledge and skills in the following areas:

- Understand key **AWS terminology** and cloud concepts
- Navigate the **AWS Management Console**
- Identify and use core AWS services
- Apply AWS security and access management concepts
- Understand AWS database services
- Utilize AWS monitoring and management tools
- Select appropriate AWS services based on business requirements

Outline

Introduction to AWS

- AWS History and Evolution
- Cloud Computing Fundamentals
- AWS Global Infrastructure
- Regions and Availability Zones

AWS Foundational Services

- **Amazon Elastic Compute Cloud (EC2)**
- **Amazon Virtual Private Cloud (VPC)**
- **Amazon Simple Storage Service (S3)**
- **Amazon Elastic Block Store (EBS)**

AWS Security and Identity Management

- AWS Security Concepts
- Shared Responsibility Model
- **AWS Identity and Access Management (IAM)**

AWS Database Services

- **Amazon Relational Database Service (RDS)**
- **Amazon DynamoDB**
- Managed Database Solutions

AWS Management and Monitoring Tools

- **Amazon CloudWatch**
- **Auto Scaling**
- **Elastic Load Balancing (ELB)**
- **AWS Trusted Advisor**