AWS Cloud Practitioner Essentials Training

Duration: **1 Day**

BILGINC IT Academy
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The **AWS Cloud Practitioner Essentials Training** course provides a comprehensive introduction to the AWS Cloud and the fundamental concepts of cloud computing. Designed for individuals from both technical and non-technical backgrounds, the course helps learners understand the core AWS services, cloud architecture principles, security concepts, pricing models, and the business value of cloud technologies.

Participants will gain an understanding of AWS global infrastructure, cloud deployment models, security and compliance principles, cost management, and AWS best practices. The course also serves as an excellent foundation for individuals preparing for the **AWS Certified Cloud Practitioner** certification exam.

Through a combination of instructor-led content and hands-on lab exercises, learners will build the foundational knowledge needed to confidently engage with AWS Cloud services and support cloud adoption initiatives within their organisations.

Prerequisites

There are no formal prerequisites for this course.

No prior AWS experience is required.

Who Should Attend

This course is intended for:

- **Sales Professionals**
- **Marketing Professionals**
- **Business Analysts**
- **Project Managers**
- **Legal Professionals**
- **AWS Academy Students**
- **IT Professionals**
- Business leaders and decision-makers exploring cloud technologies

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What You Will Learn

By the end of this course, participants will be able to:

- Define **Cloud Computing** concepts and principles.
- Differentiate between cloud deployment models.
- Explain the **AWS Cloud Value Proposition**.
- Describe the AWS Global Infrastructure.
- Understand AWS service categories and use cases.
- Identify appropriate AWS solutions for business requirements.
- Explain the **AWS Well-Architected Framework**.
- Understand AWS architectural best practices.
- Describe the **AWS Shared Responsibility Model**.
- Recognise AWS security services and controls.
- Understand AWS pricing, billing, and account management models.
- Identify emerging AWS services and future cloud innovations.

Training Outline

Introduction to Cloud Computing

- What is Cloud Computing?
- Cloud Computing Principles
- Cloud Service Models
- Cloud Deployment Models

AWS Cloud Fundamentals

- Introduction to **Amazon Web Services (AWS)**
- AWS Service Categories
- AWS Value Proposition
- Common AWS Use Cases

AWS Global Infrastructure

- AWS Regions
- Availability Zones
- Global Network Infrastructure
- High Availability Concepts

AWS Service Domains

- Compute Services
- Storage Services
- Database Services
- Networking Services
- Security Services

AWS Architecture and Design Principles

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- **AWS Well-Architected Framework**
- Cloud Architecture Principles
- Scalability
- Reliability and Performance

AWS Security Fundamentals

- **AWS Shared Responsibility Model**
- AWS Security Services
- Identity and Access Management
- Data Protection

AWS Pricing and Account Management

- AWS Billing
- AWS Pricing Models
- Cost Management
- Account Governance

Future AWS Innovations

- Emerging AWS Services
- Artificial Intelligence and Machine Learning
- Modern Cloud Technologies
- Digital Transformation Strategies

AWS Certified Cloud Practitioner Exam Preparation

- Key Exam Topics
- AWS Certification Pathways
- Exam Preparation Guidance