

Amazon Web Services Technical Essentials

COURSE OVERVIEW:

The Amazon Web Services (AWS) Technical Essentials Instructor-Led Training course introduces AWS products, services, and common solutions with demos, knowledge checks, and hands-on lab activities. It provides learners with the basic fundamentals to become more proficient in AWS and empowers them to make informed decisions about IT solutions based on business requirements.

WHO WILL BENEFIT FROM THIS COURSE?

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

PREREQUISITES:

There are no prerequisites for this course.

COURSE OBJECTIVES:

- 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

COURSE OUTLINE:

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

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)

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience