Lesson 0: Introduction to AWS Technical Essentials

- Welcome and Introduction
- Why AWS Technical Essentials?
- Defining AWS Technical Essentials
- Interesting facts about AWS Technical Essentials
- Evolution of AWS Technical Essentials
- Need of AWS Technical Essentials (Real Life Case Study Included)
- Market Trends / Predictions
- Course Objectives
- Flow and Learning Strategy for the Course
- Other Relevant Information
- Conclusion

Lesson 1: Introduction to Cloud Computing

- Introduction
- Overview of Amazon Web Services (AWS)
Lesson 2: Introduction & History to AWS

- Navigate the AWS Management Console
- Recognize AWS Global Infrastructure
- Describe the security measures AWS provides

Lesson 3: AWS Storage & Content Delivery

- Identify key AWS storage options
- Describe Amazon EBS
- Create an Amazon S3 bucket and manage associated objects

Lesson 4: 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

Lesson 5: AWS Managed Services & Database

- Describe Amazon DynamoDB
- Verify key aspects of Amazon RDS
• Execute an Amazon RDS drive application

**Lesson 6: Deployment and Management**

• Identify AWS CloudFormation

• Describe Amazon CloudWatch metrics and alarms

• Describe Amazon Identity and Access Management (IAM)

✓ Assessment

✓ Glossary