



Amazon Web Services (AWS)

AWS Overviews

- Concept of AWS
- History and Evolution of AWS
- Overview of AWS Product
- Hands-on Lab
- Projects and Assignment

Design Highly Available and Scalable Systems

- How to Design Cloud Services
- Planning and Implementation of Services
- Monitoring and Logging
- Hybrid IT Architectures
- Practice Assignment Designing Hybrid Storage
- Hand-on-Lab

Disaster Recovery

- Disaster Recovery strategy and tools
- Overview and Products for Disaster Recovery
- Practice Assignment Disaster Recovery
- Projects
- Hands on Lab

Elastic Compute Cloud (EC2)

- Cloud Compute with AWS
- Amazon EC2 Overview
- Amazon Machine Images (AMI)
- Launch and connect to an EC2 Linux and Windows instance
- Create an AMI
- Introduction to EC2 Instance Types
- EC2 Pricing
- EC2 Best Practices and Costs
- Hand-on-Lab

AWS Services

- Overview of Amazon EBS
- Elastic Load Balancing (ELB)
- Auto Scaling
- AWS Lambda Demo
- Amazon Elastic Container Service
- Practice Assignment Configure ELB
- Hand-on-Lab

Troubleshooting

- Troubleshooting of Different AWS services
- Troubleshooting and Support
- Identifying and Fixing Issue
- Quiz
- Projects and Hands on Lab

Amazon Simple Storage Service (S3)

- S3 Overview and Buckets
- Version Control and Lifecycle Management
- Cloud Front and CDNs
- Security and Encryption
- Amazon Import – Export Snowball
- Practice Assignment Create an Amazon S3 bucket
- Hand on Lab



Amazon Virtual Private Cloud (VPC)

- Amazon VPC and Subnets
- Networking
- Using Security Groups and Network ACLs
- Amazon VPC Best Practices and Costs
- Practice Assignment Designing a Custom VPC
- Projects and Hands on Lab

AWS Solutions Architect Exam

- Latest AWS course Topic
- Exam Overview and Study Tips
- Providing Study Materials
- Hand on lab
- Cloud Test

Application Service

- Amazon Elastic Transcoder
- Amazon Workspaces
- Projects
- Application Services Best Practices and Costs
- Practice Assignment Amazon SNS

Databases

- Amazon Relational Database Service (RDS)
- AMI Databases
- Amazon DynamoDB
- Amazon Redshift
- Amazon ElastiCache
- Amazon Aurora
- AWS Database Migration Services (DMS)
- Database Best Practices and Costs
- Practice Assignment Amazon RDS

Identity Access Management (IAM)

- IAM Overview and Policies
- IAM Users, Groups, and Roles
- IAM Best Practices
- Practice Assignment Configuring IAM Access
- Projects And Hands-on-Lab

Security Practices for optimum Cloud Deployment

- AWS Responsibilities and Security Attributes
- AWS Cloud Formation and Design patterns
- Practice Assignment AWS Cloud Watch
- Quiz
- Hands on lab

Amazon Route 53

- Different Types of Routing 53 Policies
- Amazon Route 53 Concepts
- Amazon Route 53 Best Practices and Costs
- Practice Assignment Amazon Route 53 Hosted Zone
- Hands-on-Lab



+91 76111 75111
+91 76111 76000

203, 2nd Floor, Orange Business Park
Near, Apple Hospital Bhawarkuan, Indore (M.P)



info@itrainu.in