

AWS Syllabus



Lesson 1: AWS Overview

The lesson will provide users with a history and background of AWS along with an overview of all products and services that are offered.

- Description of AWS
- History of AWS
- Overview of AWS Products and Services

Lesson 2: Designing Highly available, cost-efficient, fault-tolerant, scalable systems

The lesson will help users understand why designing cloud infrastructure is different than for traditional on-premise data centre's and will cover AWS concepts, recommendations and best practices about how to build cloud systems.

- How to Design Cloud Services
- Planning and Designing
- Monitoring and Logging
- Hybrid It Architectures
- Practice Assignment: Designing Hybrid Storage

Lesson 3: Identity and Access Management(IAM)

The lesson will provide users with information about how to control and secure users access to yours AWS resources using the AWS Access and identity Management Service.

- IAM Overview
- IAM Policies
- IAM Users
- IAM Groups
- IAM Roles
- IAM best practices
- Practice Assignment: Configuring IAM Access
- Demos Included
- Creating an IAM Policy
- Creating an IAM Users
- Creating an IAM Group
- Creating an IAM Role

Lesson 4: Amazon Virtual Private Cloud(VPC)

The Lesson will provide users with details of Amazon Virtual Private Cloud, which allows the creation of custom cloud based networks. Users will become familiar all concepts of VPC, for example subnets, Internet Gateways, etc.

- Amazon VPC Overview
- Amazon VPC
- IP Addresses
- Subnets
- Internet Gateway
- Route Tables

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