

Manpower Academy acredita con este diploma a:

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con DNI: **80068096J**

Por haber alcanzado el nivel de conocimientos necesarios en la Acción Formativa:

AWS Architecting

AF/G: 7068

correspondiente al Plan de Formación 2022

Impartido en modalidad Aula Virtual síncrona.

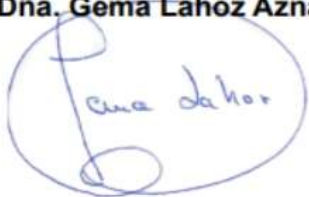
Duración: 25 horas

Fecha inicio: 17/10/2022

Fecha fin: 26/10/2022

Fecha expedición:
15 de noviembre de 2022

Manpower Academy
Dña. Gema Lahoz Aznar



Fundación Estatal
PARA LA FORMACIÓN EN EL EMPLEO



Contenidos curso

Module 1: Introduction

- The Well-Architected Framework
- AWS Global Infrastructure

Module 2: The simplest architectures

- Amazon Simple Storage Service (Amazon S3)
- Amazon S3 Glacier
- Choosing AWS Regions for your architectures

Module 3: Adding a compute layer

- Amazon Elastic Compute Cloud (Amazon EC2)
- Amazon Machine Images (AMIs)
- Amazon Elastic Block Storage (Amazon EBS)
- Amazon Elastic File System (Amazon EFS)
- Amazon FSx

Module 4: Adding a database layer

- Database layer considerations
- Amazon Relational Database Service (Amazon RDS)
- Amazon DynamoDB
- AWS Database Migration Service (AWS DMS)

Module 5: Networking in AWS – Part 1

- Amazon Virtual Private Cloud (Amazon VPC)
- Network security in the Cloud

Module 6: Networking in AWS – Part 2

- AWS VPN connections
- AWS Direct Connect (DX)
- VPC peering
- AWS Transit Gateway
- Load balancing on AWS
- Amazon Route 53

Module 7: AWS Identity and Access Management (IAM)

- Account users and AWS IAM
- Federating users
- Amazon Cognito
- AWS Organizations

Module 8: Elasticity, high availability, and monitoring

- Amazon CloudWatch
- AWS CloudTrail
- Amazon EC2 Auto Scaling
- Scaling your databases

Module 9: Automation

- AWS CloudFormation
- AWS Systems Manager
- AWS OpsWorks
- AWS Elastic Beanstalk

Module 10: Caching

- Caching on AWS with Amazon CloudFront
- Session management
- Amazon DynamoDB Accelerator (DAX)
- Amazon ElastiCache

Module 11: Building decoupled architectures

- On-premises and cloud acquisition/deprecation cycles
- Cloud cost management tools including reporting, control, and tagging

Module 12: Microservices and serverless architectures

- Amazon Elastic Container Service (Amazon ECS)
- AWS Fargate
- AWS Lambda
- Amazon API Gateway
- AWS Step Functions

Module 13: RTO/RPO and backup recovery setup

- Disaster planning
- Data replication
- Recovery strategies
- AWS Storage Gateway

Module 14: Optimization and review

- Best practices for optimization