Manpower Academy acredita con este diploma a:

Alonso Isidoro Roman

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
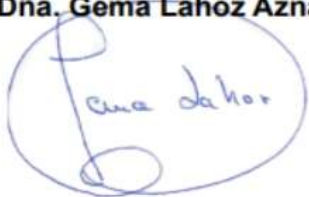Impartido en modalidad Aula Virtual síncrona.
Duración: 25 horas

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