

AZ-400: AZURE DEVOPS

Duración: 40 Horas

Modalidad: Teleformación

Destinatarios: consultores DEVOPS o técnicos con experiencia de al menos 1-2 años en proyectos de desarrollo DEVOPS en CLOUD.

Objetivos: capacitar a los participantes en las funcionalidades que proporciona AZURE en todo lo referente al desarrollo de soluciones DEVOPS en dicha plataforma.

Preparación para superar la certificación: AZ-400:



Requisitos previos: acreditar experiencia en proyectos o dptos de desarrollo o DEVOPS en Cloud (entornos AZURE) durante al menos 2-3 años.

Itinerarios AZURE:

Nivel associate:

Apps and Infra	Data and AI
Azure Administrator	Azure Data Scientist
Azure Developer	Azure AI Engineer
Azure Security Engineer	Azure Data Engineer

Nivel Expert:

Apps and Infra
Azure Solutions Architect
Azure DevOps Engineer

Temario:

TEMA 1. IMPLEMENTING DEVOPS DEVELOPMENT PROCESSES

- Getting started with Source Control
- Scaling git for enterprise DevOps
- Implement & Manage Build Infrastructure
- Managing application config & secrets
- Implement a mobile DevOps strategy

TEMA 2: IMPLEMENTING CONTINUOUS INTEGRATION

- Implementing Continuous Integration in an Azure DevOps Pipeline
- Managing Code Quality and Security Policies
- Implementing a Container Build Strategy

TEMA 3: IMPLEMENTING CONTINUOUS DELIVERY

- Design a Release Strategy
- Set up a Release Management Workflow
- Implement an appropriate deployment pattern

TEMA 4: IMPLEMENTING DEPENDENCY MANAGEMENT

- Designing a Dependency Management Strategy
- Manage security and compliance

TEMA 5: IMPLEMENTING APPLICATION INFRASTRUCTURE

- Infrastructure and Configuration Azure Tools
- Azure Deployment Models and Services
- Create and Manage Kubernetes Service Infrastructure
- Third Party and Open Source Tools available with Azure
- Implement Compliance and Security in your Infrastructure
- Course Completion

TEMA 6: IMPLEMENTING CONTINUOUS FEEDBACK

- Recommend and design system feedback mechanisms
- Implement process for routing system feedback to development teams
- Optimize feedback mechanisms

TEMA 7: DESIGNING A DEVOPS STRATEGY

- Planning for DevOps
- Planning for Quality and Security
- Migrating and Consolidating Artifacts and Tools