TECH EUREKA
#BeTheMaestro

Architecting Microsoft Azure Solutions

Gain practical knowledge on the most important components of Microsoft Azure Cloud Platform from our industry expert. Be able to decide relevant Azure services for your application deployment. Design and implement native, public or hybrid cloud solutions. With simulation based training, get industry ready to design Azure solutions integrating infrastructure, data, network, security and operations implementations.

In our cloud labs through guided exercises, get real time experience designing high-preformance computing using Azure services, deciding the type of Azure storage, data services, virtual networks and security strategies. Learn to pick and choose between platform services such as artificial intelligence services, other cutting edge media solutions for your app, and automate ITSM operations.

Define the strategic cloud implementation path and be the Azure Champion your organization needs

Who is Architecting Microsoft Azure Solution for?

Cloud Professionals, Microsoft System Center Administrators, Windows Server Administrators, Webmasters with very good understanding of developing and implementing Azure cloud solutions

Trained cloud / vitualization professionals who want to devise enterprise level cloud solutions on Azure platform

Prerequisites

- High-level familiarity with virtualization technologies and the cloud infrastructure of Microsoft Azure
- Experienced on Mobile Apps, WebApps, AAD, SQL, ServiceBus, Scaling, powershell and the understanding how some creation and deployment flows work
- Understanding of networking concepts and secutiry protocols
- Some amount of hands-on knowledge of active directory services
- Web development experience using Python, PHP, Ruby etc.
- Azure Subscription

website: https://www.techeureka.net

Duration: 3 days

Course Objective:

This course is aligned to the objectives of Architecting Microsoft Azure Solutions (70-535) Certification Exam

Course Outline

Designing Compute Infrastructure

➢ Design solutions using virtual machines
➢ Design solutions for serverless computing
➢ Design microservices-based solutions
➢ Design web aplications
➢ Create compute-intensive applicatio

Designing Data Implementation

➢ Design for Azure Storage solutions
➢ Design for Azure Data Services
➢ Design for relational database storage
➢ Design for NoSQL storage
➢ Design for CosmosDB storage

Designing Networking Implementations

➢ Design Azure virtual networks
➢ Design external connectivity for Azure Virtual Networks
➢ Design security strategies
➢ Design connectivity for hybrid applications

Designing Security and Identity Solutions

➢ Design an identity solution
➢ Secure resources by using identity providers

- Design a data security solution
- Design a mechanism of governance and policies for administering Azure resources
- Manage security risks by using an appropriate security solutio

Designing Solutions by using Platform Services

- Design for Artificial Intelligence Services
- Design for IoT
- Design messaging solution architectures
- Design for media services solutions

Designing for Operations

- Design an application monitoring and alerting strategy
- Design a platform monitoring and alerting strategy
- Design an operations automation strategy