Microsoft Azure Architect

Who we are

Techeduxon has been a platform for global online technology education since 2015. We are now taking it up a notch higher by introducing ways of advanced learning to up-skill and cross-skill your profession with cutting-edge, customized programs. With the amazing courses and programs by Techeduxon, you will experience a whole new horizon of tech knowledge and put it to the best use.

Course overview:

- Introduction to Microsoft Azure Architect

- Azure App services
- Azure VMSS and availability zones
- Azure virtual Machines & Networking
- Azure storage Solutions
- Design patterns of Azure storage solutions
- Azure Kubernetes services
- Azure monitoring and Insights Services
- Messaging services of Azure (Queue, Hubs, Bus)

Pre requisites

Prior hands-on experience in various IT operations, virtualization, security, compute, storage, billing & budgeting, and governance. Also, you need proficiency in at least one of the following domains: Azure administration, Azure development, or DevOps.

Target audience

IT professionals, cloud solutions architects, experienced Azure administrators and developers, and DevOps professionals.

Course Contents

Introduction to Microsoft Azure Architect

- Create free tire azure account
- Azure storage services
- Types of Azure storage
- Azure subscriptions
- Azure Resource manager & Templates

Azure App Services

- App Service Security

- Azure service Bus
- Azure Event Grid
- Background tasks and service tools
- Function Apps
- Azure web apps

Azure VMSS and Availability Zones

- Azure availability sets & Zones
- Fault & Update Domain
- Virtual machine scale set
- Azure Disk encryption
- Application Gateway

Azure virtual machines & Networking

- Overview of Azure virtual machines
- Azure managed disk
- Azure Blob Storage
- Networking in Azure
- IP address, NIC, NSG

Azure storage solutions

- Azure Data lakes
- Azure Data factory
- Sharding Pattern
- Azure elastic pool
- Azure SQL DB
- Azure Cosmos DB

Design Patterns Of Azure Storage Solutions

- Cloud design patterns
- Cache aside patterns
- Azure Architecture Center

Azure Kubernetes services

- Azure Kubernetes services
- Diagnostics Logs
- Azure container Registry, Instance
- Docker file , Docker Image
- Orchestration

Azure Monitoring and Insights services

- Azure Monitoring
- Azure analytics, alerts
- Azure Activity log
- Azure App Insights
- Azure log analytics

Messaging Services of Azure (Queue, Hubs, Bus)

- Azure messaging services
- Event hubs of Azure
- Event Grid Of Azure
- Auto scale ruling in Azure
- Transient fault handling
- Create apps for auto scaling

Projects & Assignments

Our Expert trainers will provide the real time Projects & Assignments.

Help

Support

Trainings@techeduxon.com

www.techeduxon.com