Microsoft Cloud Workshop: App Modernization (MS-40512)

Modality: Virtual Classroom

Duration: 1 Day

SATV Value: 1

About this course:

Modernize on-site existing infrastructure and applications by utilizing various cloud services and incorporating a combination of mobile and web services, all protected utilizing Azure AD.

Course Objective:

Participants will be well able to develop Application Programming Interface Applications that will access by mobiles, web apps, and clients. Additionally,

· Centralize Azure application authorizations using Azure AD

· Use Key Vault to secure application secrets

· Enable files searchable in full text by using Search

· Enabling users to create ad-hoc mobile CRUD applications with PowerApps

· Orchestration between mobile and e-mail services like Office 365 using Flow

Audience:

This online training program is designed for IT professionals and Cloud Architects who have solutions design and infrastructure architecture experience in cloud technology and want to know more about Azure and its services as defined in the ' At Course Completion ' and ' About this Course ' areas. Anyone taking this training should also be trained in other cloud technologies other than MS, fulfill the preconditions of the program, and want to cross-train on Azure.

Prerequisite:

Lab design presumes 300-level architectural skills in designing solutions and infrastructure. Before undertaking this course, we recommend applicants take the prerequisite.

· MS Azure Essentials course

Course Outline:

Module 1: Whiteboard Design Session - App modernization

Lessons

- Review the customer case study
- Design a proof of concept solution
- Present the solution

Module 2: Hands-on Lab - App modernization

?Lessons

- Azure data, storage, and app environment setup
- Identity and security
- Configure blob storage and search indexing
- Configure Key Vault
- Configure and deploy the Contoso Insurance apps
- Create a Flow app that sends push notifications when important emails arrive
- Create an app in PowerApps