Microsoft Azure Services, Part 4 of 9: Apps and Database

Meet the expert: Varma has over 14 years of experience in defining the integrated process, application, data & cloud architectures for both corporate & large scale multi-million business transformation programs and has worked extensively in defining strategy for migration of on-premise applications into AWS & Azure Cloud IaaS, PaaS, SaaS platforms. He is a TOGAF certified enterprise architect, PRINCE2 practitioner, and hold several certifications in SAP and cloud space.

Prerequisites: Basic understanding of Azure and an Azure account. Technical IT experience is not required however some general IT knowledge or experience would be beneficial.

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Course description: The AZ-900 Microsoft Azure Fundamentals Exam is intended for candidates with non-technical backgrounds or who have some involvement with cloud based solutions and services. This course covers Application Building blocks as well as Mobile apps and the Azure Notification Hub. It also includes Azure Database Services, SQL DB Monitoring and the Azure Data Factory

Course outline:

Intro App Service Building Blocks
• Introduction
• Introduction to Azure App service building blocks
• App service plan overview
• Demo: Create App Service plan
• Demo: Create an Azure Web App using portal
• Demo: Deploying an application into Azure web app
• Summary

Intro Mobile Apps
• Introduction
• Introduction to Azure mobile apps
• Demo: Create a mobile backend using portal and c
• Summary

Azure Notification Hub
• Introduction
• Introduction to Azure notification hub and Mobile
• Introduction to API Apps and API management
• Demo: Create an API app using portal and publish
• Demo: Creation of API management and walkthrough
• Summary

Azure App Service Backup
• Introduction
• Introduction to Azure app service backup and scal
• Demo: Scale up of App service and Scale out of A
• Introduction to App Service security
• Demo: Enable authentication with Azure active dir
• Summary

App Service Monitoring
• Introduction
• Introduction to App Service monitoring
• Demo: Monitoring features of Azure app service
• Content distribution network
• Media services and Search

• Summary

Azure Data base Services
• Introduction
• Introduction to Azure database services building
• Azure SQL Database overview
• Demo: Creation of Azure SQL database using Azure
• Azure SQL Database configuration overview
• Demo: Configuration of firewall rules and Active
• Summary

Azure Sql Managed Instance
• Introduction
• Azure SQL managed instance overview
• Azure SQL database security overview
• Demo: Walthrough of Azure SQL database security f
• Summary

SQL DB Monitoring
• Introduction
• Azure SQL database monitoring overview
• Demo: Walkthrough of Azure SQL database motoring
• Azure COSMOS DB overview
• Summary

Azure Data Factory
• Introduction
• Introduction to Azure data factory
• Demo: Creation of data factory using Azure portal
• SQL Stretch database and SQL Data Warehouse
• Summary