ExamLabs

Developing Solutions for Microsoft Azure

Study Guide

Exam AZ-204

ExamLabs

Azure for .NET Core Developers

Preface

Every developer is striving hard to have a skill upgrade from mere a developer to a Cloud developer. And with the growing pace of cloud programming, this upgradation is not simple. This book will help a developer, especially the one working with Microsoft technologies, to be specific, a .NET Core developer, to seamlessly cover this said journey.

Newly release .Net Core 3.0 / 3.1 including, Azure Function V3, which got available for Production use in January 2020, are among the technology stacks covered in this book. The book not only focuses on one way of working with Azure Cloud services but includes other popular and trending way of managing Azure resources with the software application. With focusing on ease of understanding the subject, many super cool features of Azure products and services are also amended to the learning course.

From exploring the most used Azure services to touching the newest version of offerings, this book is aimed to cover everything from a developer perspective. Code exercise, Code blocks, azure service implementation, application secrets keys management, free superfast hosting options along with live debugging of code hosted on Cloud, are some of the key takeaway from the book. Over the 7 chapters in this book, you will learn the following,

Chapter 1: This Chapter will present with hug level overview of Microsoft Azure, its components, its features, and its offerings. It will also present services every developer should know about. These services will include, further chapters topics as well, so as to reader should be well aware of what is coming in in further course content.

Chapter 2: This chapter will present with what is Azure App services all about. Again, a basic handshake with the Azure Web App service. Going further, it will cover the ways we can host our .NET ore MVC application to Azure Cloud – Azure Web App. Also, it will setup a basic CICD for the application using GitHub.

Chapter 3: This chapter will present with Azure CosmosDB introduction as a Database as a service model for .NET core application as backend. This will further present the implementation of Azure CosmosDB in the .NET core

application.

Chapter 4: This chapter will present with designing and implementing Azure storage services in our .NET Core applications, how seamlessly it can be configured and managed.

Chapter 5: This chapter will present an amazing feature of Azure storage offered by Microsoft Azure for hosting the static contents. We will be working with the feature using Azure CLI. Also, we will learn about hosting the latest .NET Core application using Angular, ReactJS with Visual Studio 2019 as IDE.

Chapter 6: This chapter will present with amazing service of Azure on how to seamlessly secure your .NET core application secrets keys using Azure KeyVault and App service configuration.

Chapter 7: This chapter will present you with Azure serverless offerings capabilities. Azure Function will be introduced and detailed. The scenario of creating Thumbnails out of uploaded user pics will be presented here using Azure functions.

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