MS-600T00: Building Applications and Solutions with Microsoft 365 Core Services Training

Duration: 5 Days

Course Content:

MS-600T00: Building Applications and Solutions with Microsoft 365 Core Services Training provides comprehensive knowledge and an in-depth explanation of the five core elements of the MS 365 platform. It teaches the techniques to implement MS Identity and operate with MS Graph. This technical course helps in gaining a better understanding and knowledge of UI elements, Integration Points, and determining workload platform targets. We have also developed an enterprise training program for corporate organizations. It teaches how to handle a group lifecycle on MS Graph and optimize network traffic. After completing this course, professionals will be able to develop a service to access the MS Graph and implement authorization in an API. This training program is ideal for professionals who want to learn more about MS 365 development platforms and individuals who want to earn the Microsoft 365 Developer Associate certification.

This training is designed based on the objectives of the course variant MS-600T00-A.

Training Exclusives

- Live instructor-led interactive sessions with Microsoft Certified Trainers (MCT).
- Access to Microsoft Official Courseware (MOC).
- Real-time Virtual Lab Environment.
- Experience 24*7 Learner Support.
- Self-paced learning and flexible schedules.

Who should attend?

This course is aimed at professionals who want to learn about Microsoft 365 development platform or want to prepare for the Microsoft 365 Developer Associate certification exam. Candidates should have 1-2 years of working experience as a developer. This training is well-suited for professionals who have a basic understanding of Microsoft Identities such as Microsoft accounts and Azure AD, OpenID Connect, OData, OAuth2, JSON, APIs, REST.

What you will learn

- Implement Microsoft Identity
- Explore Microsoft Graph
- Determine workload platform targets
- Learn about Integration Points, such as SharePoint Framework, Office Add-ins, and Microsoft Teams

Curriculum

Module 1: Implement Microsoft Identity

In this module, you will learn to implement Microsoft identity including registering an application, implanting authentication, configuring permissions to consume an API, and creating a service to access Microsoft Graph.

- Microsoft Identity platform
- Register an Application

- Implement Authentication
- Configure Permissions to consume an API
- Implement Authorization to consume an API
- Implement Authorization in an API
- Create a Service to access Microsoft Graph

Lab: Implement Microsoft Identity

- Registering an application in azure active directory
- Implementing Authentication
- Configuring permission to consume an API
- Implementing authorization to consume an API
- Implementing authorization in an API
- Creating a service to access Microsoft Graph

After completing this module, students will be able to:

- Register an application in Azure AD
- Implement authentication
- Configure permissions to consume an API
- Create a service to access Microsoft Graph

Module 2: Work with Microsoft Graph

In this module you will learn how to access user data, explore query parameters, manage a group lifecycle, access files, and optimize network traffic using Microsoft Graph.

- What is Microsoft Graph
- Access user data from Microsoft Graph
- Data usage with query parameters
- Manage a group lifecycle on Microsoft Graph
- Access files with Microsoft Graph
- Optimize network traffic

Lab: Work with Microsoft Graph

- Querying User Data from the Microsoft Graph
- Using Query Parameters when querying Microsoft Graph via HTTP
- Retrieving and controlling information returned from Microsoft Graph
- Creating an Office 365 Group and Team
- Uploading files to OneDrive and SharePoint
- Using Change Notifications and Track Changes with Microsoft Graph
- Reducing traffic with batched requests
- Understanding throttling in Microsoft Graph

After completing this module, students will be able to:

- Access user data with Microsoft Graph
- Work with data using queries on Microsoft Graph
- Manage a group lifecycle on Microsoft Graph
- Optimize network traffic using Microsoft Graph

Module 3: Extend and Customize SharePoint

In this module you will learn about SharePoint Framework web parts, extensions, and how to package and deploy a SPFx solution.

- SharePoint Framework web parts
- SharePoint Framework extensions

- Package and deploy a SPFx solution
- Consumption of Microsoft Graph
- Consumption of 3rd party APIs secured with Azure AD from within SPFx
- Web Parts as Teams Tabs
- Branding and theming in SharePoint

Lab: Extend and Customize SharePoint

- Introduction to SharePoint Framework (SPFx)
- Working with the web part property pane
- Creating SharePoint Framework Extensions
- Creating a Command Set Extension
- Creating a Field Customizer Extension
- Deploying a SharePoint Framework Solution
- Calling Azure AD Protected 3rd Party REST APIs
- Deploying SPFx Solutions to Microsoft Teams

After completing this module, students will be able to:

- Package and deploy a SharePoint Framework solution
- Utilize consumption of Microsoft Graph
- Work with web parts as Team Tabs

Module 4: Extend Teams

In this module you will look at the components of a Teams App, work with webhooks, tabs, and conversational bots.

- Microsoft Teams App
- Webhooks in Microsoft Teams
- Tabs in Microsoft Teams
- Messaging extensions in Microsoft Teams
- Conversational bots in Microsoft Teams

Lab: Extend Teams

- Understanding the components of a Teams App
- Working with webhooks in Microsoft Teams
- Creating tabs in Microsoft Teams
- Understanding messaging extensions
- Understanding conversational bots

After completing this module, students will be able to:

- Recognize the components of a Teams App
- Work with webhooks in Microsoft Teams
- Create tabs in Microsoft Teams
- Create and register outgoing webhooks

Module 5: Extend Office

In this module you will work with Office Add-ins, task pane add-ins, JavaScript APIs, Office UI Fabric, and actionable messages with adaptive cards.

- Office Add-ins
- Office JS APIs
- Customization of Add-ins
- Testing, debugging, and deployment options
- Actionable message

Lab: Extend Office

- Understanding fundamental components and types of Office Add-ins
- Understanding Office JavaScript APIs
- Understanding customization of Add-ins
- Understanding actionable messages

After completing this module, students will be able to:

- Understanding fundamental components and types of Office Add-ins
- Understanding Office JavaScript APIs
- Understanding customization of Add-ins
- Understanding actionable messages

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