

## 20697-2BC

### Deploying and Managing Windows 10 Using Enterprise Services

5 DAYS

This course provides administrators with the knowledge and skills necessary to deploy and manage Windows 10 desktops, devices, and applications in an enterprise environment. Students will learn how to plan and implement Windows 10 deployments in large organizations. Students will also learn how to manage the Windows 10 installations after deployment to provide secure identity and data access by using technologies related to User Experience Virtualization (UE-V), Group Policy, Work Folders and Client Hyper-V. To support a variety of device and data management solutions, Microsoft Azure Active Directory (Azure AD), Microsoft Intune, Microsoft Store for Business and Office 365 are used for device management. These services are part of the Enterprise Mobility+ Security, which provides identity and access management, cloud-based device management, application and update management, and more secure data access to information stored both on the cloud and onsite within your corporate network.

#### Module 1: Managing Desktops and Devices in an Enterprise Environment

- Managing Windows 10 in the Enterprise
- Managing a Mobile Workforce
- Supporting Devices in the Enterprise
- Extending IT Management and Services to the Cloud

#### Module 2: Deploying Windows 10 Enterprise Desktops

- Overview of Windows 10 Enterprise Deployment
- Customizing Enterprise Desktop Deployments
- Deploying Windows 10 by Using MDT
- Maintaining a Windows 10 Installation
- Volume License Activation for Windows 10

#### Module 3: Managing User Profiles and User State Virtualization

- Managing User Profiles and User State
- Implementing User State Virtualization by Using Group Policy
- Configuring UE-V
- Managing User State Migration

#### Module 4: Managing Desktop and Application Settings by Using Group Policy

- Managing Group Policy Objects
- Configuring Enterprise Desktops by Using Group Policy
- Overview of Group Policy Preferences

## Module 5: Managing Windows 10 Sign-In and Identity

Overview of Enterprise Identity  
Planning for Cloud Identity Integration

## Module 6: Managing Data Access for Windows-based Devices

Overview of Data Access Solutions  
Implementing Device Registration  
Implementing Work Folders  
Managing Online Data Using Cloud-Based Storage Solutions

## Module 7: Managing Remote Access Solutions

Overview of Remote Access Solutions  
Supporting DirectAccess with Windows 10  
Configuring VPN Access to Remote Networks  
Supporting RemoteApp

## Module 8: Managing Windows 10 Devices by Using Enterprise Mobility Solutions

Overview of the EMS  
Overview of Azure Active Directory Premium  
Overview of Azure RMS  
Overview of Intune

## Module 9: Managing Desktop and Mobile Clients by Using Microsoft Intune

Deploying the Intune Client Software  
Overview of Intune Policies  
MDM by Using Intune  
Overview of WIP

## Module 10: Managing Updates and Endpoint Protection by Using Microsoft Intune

Managing Updates by Using Intune  
Managing Endpoint Protection

## Module 11: Application and Resource Access by Using Microsoft Intune

Application Management by Using Intune  
The Application Deployment Process  
Managing Access to Organizational Resources

## Module 12: Configuring and Managing Client Hyper-V

Installing and Configuring Client Hyper-V  
Configuring Virtual Switches  
Creating and Managing Virtual Hard Disks  
Creating and Managing Virtual Machines