

5 Days

## 20697-2 Deploying and Managing Windows 10 Using Enterprise Services

This five-day 20697-2 training course provides skills and knowledge to deploy and manage Windows 10 desktops, devices, and applications in an enterprise environment.

During this training period, participants learn how to manage the Windows 10 installations for providing secure identity and data access deploying technologies related to Group Policy, Remote Access, and Workplace Join.

This course will also introduce participants to various database management solutions technologies such as Microsoft Azure Active Directory, Microsoft Intune, and Microsoft Azure Rights Management.

Completion of the course will enable candidates to:

- Describe the challenges and solutions for desktop and device management.
- Configure and Manage Client Hyper-V.
- Manage user profiles and user state virtualization.
- Manage remote access solutions.
- Manage Windows 10 sign-in and identity.
- Manage data access for Windows-based devices.
- Manage updates and Endpoint Protection by using Intune.
- Manage desktop and mobile clients by using Intune.
- Manage application and resource access by using Intune.
- Manage Windows 10 Enterprise desktops.
- Manage devices by using enterprise mobility solutions.

## Course Details

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### Course Outline

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

- Manage Windows 10 in the Enterprise
- Manage a Mobile Workforce
- Support Devices in the Enterprise
- Extend IT Management and Services to the Cloud

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

- Windows 10 Enterprise Deployment
- Customize Enterprise Desktop Deployments
- Deploy Windows 10 by Using MDT
- Maintain a Windows 10 Installation
- Volume License Activation for Windows 10

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

- Manage User Profiles and User State
- Implement User State Virtualization by Using Group Policy
- Configure UE-V
- Manage User State Migration

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

- Manage Group Policy Objects
- Configure Enterprise Desktops by Using Group Policy
- Overview of Group Policy Preferences

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

- Enterprise Identity
- Plan for Cloud Identity Integration

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

- Overview of Data Access Solutions
- Implement Device Registration
- Implement Work Folders
- Manage Online Data Using Cloud-Based Storage Solutions

### **Module 7: Managing Remote Access Solutions**

- Overview of Remote Access Solutions
- Support DirectAccess with Windows 10
- Configure VPN Access to Remote Networks
- Support 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**

- Deploy the Intune Client Software
- Overview of Intune Policies
- MDM by Using Intune
- WIP

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

- Manage Updates by Using Intune
- Manage Endpoint Protection

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

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

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

- Install and Configure Client Hyper-V
- Configure Virtual Switches
- Create and Manage Virtual Hard Disks
- Create and Manage Virtual Machines

## Who Should Attend

- This course is ideal for IT professionals who want to specialize in Windows 10 desktop and application deployments, and cloud-based application management for medium-to-large enterprise organizations.
- This course also provides a knowledge base to participants who are preparing for the 70-697 Configuring Windows Devices exam.

## Pre Requisite

Besides holding a minimum of two years of experience in IT, they should also possess the following technical knowledge:

- Networking fundamentals, including TCP/IP, UDP, and DNS
- Windows Server 2012 R2 fundamentals
- Microsoft Active Directory Domain Services (AD DS) principles
- The Windows client operating system essentials; for example, working knowledge of Windows 8.1 and/or Windows 7
- Microsoft Windows Client essentials

## Exams

Microsoft Certified Professional (MCP) [70-697]

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