

20697-2AC	Deploying and Managing Windows 10 Using Enterprise Services	5 DAYS	SATV : YES
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Course Description

This 5-day course provides administrators with the knowledge and skills needed to deploy and manage Windows 10 desktops, devices, and applications in an enterprise environment. Students learn how to plan and implement Windows 10 deployments in large organizations. Students also learn how to manage the Windows 10 installations after deployment to provide secure identity and data access using technologies related to Group Policy, Remote Access, and Workplace Join. To support a variety of device and data management solutions, Microsoft Azure Active Directory, Microsoft Intune, and Microsoft Azure Rights Management are introduced. These services are part of the Enterprise Mobility Suite which provide identity and access management, cloud-based device, application, and update management, and secure data access to information stored both in the cloud and on any location within your corporate network.

Course Outline

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 the Microsoft Deployment Toolkit
- Maintaining a Windows 10 Installation
- Managing Volume License Activation for Windows 10

Module 3: Managing User Profiles and User State Virtualization

- Managing User Profile and User State
- Implementing User State Virtualization by Using Group Policy
- Configuring User Experience Virtualization
- Managing User State Migration

Module 4: Managing Windows 10 Sign-In and Identity

- Overview of Enterprise Identity
- Planning for Cloud Identity Integration

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Module 5: Managing Desktop and Application Settings by Using Group Policy

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

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
- Configuring VPN Access to Remote Networks
- Using DirectAccess with Windows 10
- Supporting RemoteApp

Module 8: 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

Module 9: Managing Windows 10 Devices Using Enterprise Mobility Solutions

- Overview of the Enterprise Mobility Suite
- Overview of Azure Active Directory Premium
- Overview of Azure Rights Management
- Overview of Microsoft Intune

Module 10: Managing Desktop and Mobile Clients Using Microsoft Intune

- Deploying the Intune Client Software
- Overview of Microsoft Intune Policies
- Mobile Device Management Using Intune

Module 11: Managing Updates and Endpoint Protection Using Microsoft Intune

- Managing Updates Using Microsoft Intune
- Managing Endpoint Protection

Module 12: Application and Resource Access Using Microsoft Intune

- Overview of Application Management Using Intune
- The Application Deployment Process
- Controlling Access to Company Resources