

Course duration

- 5 days

Course Benefits

- Learn to develop an Operating System deployment and upgrade strategy.
- Learn to understand the different methods of deployment.
- Learn to understand which scenarios on-premise and cloud-based solutions can be used for.
- Learn to deploy and migrate desktops to Windows 10.
- Learn to plan and configure Windows Update policies.
- Learn to understand the benefits and methods of co-management strategies.
- Learn to configuring Intune.
- Learn to enroll devices in Intune and configure device policies.
- Learn to manage user profiles and folder redirection.
- Learn to plan a mobile application management strategy.
- Learn to manage and deploy apps, including Office 365 ProPlus and Internet.
- Learn to explorer settings.
- Learn to describe the benefits and capabilities of Azure AD.
- Learn to manage users using Azure AD with Active Directory DS.
- Learn to implement Windows Hello for Business.
- Learn to configure conditional access rules based on compliance policies.
- Learn to describe the various tools used to secure devices and data.
- Learn to implement Windows Defender Advanced Threat Protection.

Microsoft Certified Partner

Webucator is a Microsoft Certified Partner for Learning Solutions (CPLS). This class uses official Microsoft courseware and will be delivered by a Microsoft Certified Trainer (MCT).

Course Outline

1. Planning an Operating System Deployment Strategy
 1. Overview of Windows as a service
 2. Windows 10 Deployment options
 3. Considerations for Windows 10 deployment
 4. Lab: Practice Lab - Planning Windows 10 deployment
2. Implementing Windows 10
 1. Implementing Windows 10 by using dynamic deployment

2. Implementing Windows 10 by using Windows Autopilot
3. Upgrading devices to Windows 10
4. Lab: Practice Lab - Implementing Windows 10
 1. Creating and deploying provisioning package
 2. Migrating user settings
 3. Deploying Windows 10 with AutoPilot
 4. After completing this course, learners should be able to:
 5. Develop an Operating System deployment and upgrade strategy
 6. Understand the different methods of deployment.
 7. Understand which scenarios on-premise and cloud-based solutions can be used for.
 8. Deploy and migrate desktops to Windows 10.
 9. Plan and configure Windows Update policies.
3. Managing Updates for Windows 10
 1. Implementing Windows 10 by using dynamic deployment
 2. Implementing Windows 10 by using Windows Autopilot
 3. Upgrading devices to Windows 10
 4. Lab: Practice Lab - Managing Updates for Windows 10
 1. Manually configuring Windows Update settings
 2. Configuring Windows Update by using GPOs
4. Course Conclusion
 1. Final Exam
 2. Lab: Graded Lab
1. Device Enrollment
 1. Device management options
 2. Manage Intune device enrollment and inventory
 3. Lab: Practice Lab - Device Enrollment and Management
 1. Installing the MDM Migration Analysis Tool (MMAT)
 2. Obtain Intune and Azure AD Premium licenses and enable device management
 3. Enrolling devices in Intune
 4. Managing devices in Intune
 5. Creating device inventory reports
2. Configuring Profiles
 1. Configuring device profiles
 2. Managing user profiles
 3. Monitoring devices
 4. Lab: Practice Lab - Managing profiles
 1. Configuring roaming user profiles and Folder Redirection
 2. Create and deploy device profile based on the scenario
 3. Change deployed policy and monitor user and device activity
 4. Configuring Enterprise State Roaming
3. Application Management
 1. Implement Mobile Application Management (MAM)
 2. Deploying and updating applications
 3. Administering applications

4. Lab: Practice Lab - Managing Applications
 1. Deploying apps by using Intune
 2. Configure and deploy Office 365 ProPlus from Intune
 3. Configure mobile application management (MAM) policies in Intune
4. Course Conclusion
 1. Final Exam
 2. Lab: Graded Lab
1. Managing Authentication in Azure AD
 1. Azure AD Overview
 2. Managing identities in Azure AD
 3. Protecting identities in Azure AD
 4. Managing device authentication
 5. Enabling corporate access
 6. Lab: Practice Lab - Managing objects and authentication in Azure AD
 1. Enabling and configuring Azure AD Premium with Enterprise Mobility + Security (EMS) tenant
 2. Creating user and group objects with UI and Windows PowerShell
 3. Configuring Self-service password reset (SSPR) for user accounts in Azure AD
 4. Joining a device to Azure AD
2. Managing Devices and Device Policies
 1. Microsoft Intune Overview
 2. Managing devices with Intune
 3. Implement device compliance policies
 4. Lab: Practice Lab - Managing devices
 1. Configuring Microsoft Intune for device management
 2. Configuring compliance policies and device profiles
 3. Enrolling Windows 10 devices and managing compliance
3. Managing Security
 1. Implement device data protection
 2. Managing Windows Defender ATP
 3. Managing Windows Defender in Windows 10
 4. Lab: Practice Lab - Managing Security in Windows 10
 1. Configuring Encrypting File System (EFS)
 2. Configuring BitLocker
 3. Configuring a WIP policy in Intune
 4. Configuring Windows Defender
4. Course Conclusion
 1. Final Exam
 2. Lab: Graded Lab

Class Materials

Each student will receive a comprehensive set of materials, including course notes and all the class examples.

Class Prerequisites

Experience in the following *is required* for this Microsoft 365 Administration class:

- Familiarity with M365 workloads and strong skills and experience of deploying, configuring, and maintaining Windows 10 and non-Windows devices. The MDA role focuses on cloud services rather than on-premises management technologies.