MD100-101 - Microsoft 365 Certified: Modern Desktop Administrator Associate

Ces cours sont dispensés en français sur la base d'une documentation pédagogique en anglais.

These 2 courses are designed for IT Professionals who will learn how to support the installation tasks associated with Windows 10.

These courses help prepare for the exams « MD-100: Windows 10 » and « MD-101: Managing Modern Desktop » to obtain the title « Microsoft 365 Certified: Modern Desktop Administrator Associate ».

1.   MD-100 - Windows 10

Overview

This course 5-day course is designed for individuals working in an IT Support role. The students will learn :

- how to support the installation tasks associated with Windows 10
- how to install and customize Windows 10 operating systems
- the new Windows servicing model and methods for keeping Windows up to date
- the common post-installation tasks
- how to support the configuration tasks associated with Windows 10
- how to manage storage, files, drivers, and printers as well as how to configure network connectivity for Windows 10
- how to manage and deploy applications
- how to secure the Windows 10 OS and protect the data on the device
- the common methods used for authentication and access control
- how to configure file and folder permissions and creating security policies
- the different types of external threats and how to leverage features like encryption and firewalls, as well as tools like Windows Defender
- how to manage and troubleshoot Windows 10
- the architecture and tools used for managing, monitoring, and troubleshooting the OS, Apps, and hardware
- the troubleshooting methodology, and how to identify and mitigate common issues.

This course help learners prepare for the Windows 10 exam (MD-100).

Targuet Audience :

IT professional, familiar with enterprise scenarios and cloud-integrated services, who perform installation, configuration, general local management and maintenance of Windows 10 core services.

Objectives :

After completing this course, learners should be able to:

- prepare to install Windows 10
- install Windows 10
- configure Updates for Windows
- perform post-installation configuration tasks
- configure devices and drivers for Windows
- configure storage for Windows
- configure network settings in Windows
- configure remote management of Windows
- configure and manage applications in Windows
- configure Internet Explorer
- describe the methods for securing Windows 10
- configure account access and authentication
- configure file and folder permissions
- create security policies
- describe common threats and methods for mitigating against them
- use Windows troubleshooting and monitoring tools
- troubleshoot Windows installations
- troubleshoot application installation issues
- troubleshoot web browser settings
- troubleshoot Windows authentication
- troubleshoot hardware issues related to Windows machines.

Prerequisites :

Learners should start this course already having the following skills:

- basic understanding of computer networks and hardware concepts.
- basic understanding of OS and Application concepts.
- experience with using the Windows OS.
- knowledge of written English, with course materials and the certification exam being in English.

2. MD-101 - Managing Modern Desktop

Overview

As desktops has evolved, so have methods for deploying and updating them. As demand for organizations to enable workforces to be more mobile, a desktop administrator's role is really is no longer about just "desktop" management. With BYOD becoming commonplace and the need for employees to access line of business apps on personal devices, the scope of desktop administration must include both desktop and mobile devices, regardless of ownership. In this course of 5-day, student will learn :

- how to plan and implement an operating system deployment strategy
- the various methods available, the scenarios they're suited for, as well as how to deploy Windows using modern methods
- to plan and implement an update strategy for Windows
- the key components of modern management and co-management strategies
- how to incorporate Microsoft Intune into your organization and how to use it to manage modern desktops and devices
- the methods for deployment and management of apps and browser-based applications
- how to manage and support phones, tablets, and computers, whether it be owned by the organization or personally owned by the employee
- how to protect the data that these devices access with the key concepts of security in modern management : authentication, identities, and access, as well as about how to protect these categories
- the base of Azure Active Directory and how to use Microsoft Intune to protect devices and data with compliance policies
- the key capabilities of Azure Information Protection and Windows Defender Advanced Threat Protection and how to implement these capabilities.

These courses help learners prepare for the Windows 10 exam (MD-101).

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Targuet Audience :

- the Modern Desktop Administrator deploys, configures, secures, manages, and monitors devices and client applications in an enterprise environment. Responsibilities include managing identity, access, policies, updates, and apps. The MDA collaborates with the M365 Enterprise Administrator to design and implement a device strategy that meets the business needs of a modern organization
- the Modern Desktop Administrator must be familiar with M365 workloads and must have 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.

Objectives :

After completing this course, learners should be able to:

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

Prerequisites :

Before attending this course, students must have:
- be familiar with M365 workloads and must have strong skills and experience of deploying, configuring, and maintaining Windows 10 and non-Windows devices
- be focused on cloud services rather than on-premises management technologies
- knowledge of written English, with course materials and the certification exam being in English.

Duration and Price

Courses - Modules	Jours	CHF	CHF/j
MD-100 - Windows 10	5	3'750.-	750.-
MD-101 - Managing Modern Desktop	5	3'750.-	750.-

selon conditions générales. Le prix comprend toute la documentation distribuée.
Les cours se déroulent de 9 h 00 à 12 h 00 et 13 h 30 à 17 h 00