training code: MD-102 / ENG DL 5d / EN

Manage and secure Microsoft 365 endpoints by using Intune

Training recipients

The course is addressed to people responsible for deploying and updating operational system updates, managing both physical and mobile devices, regardless the owner with consideration of BYOD trend, for managing and navigating modern environment including mobile phones, tablets and computers, in spite of the fact whether they belong to organization or private employees including protection of data to which the devices have access to.
The course covers such topics as:
Planning and implementing strategy of deploying operational system and various available methods and scenarios, appropriate for particular environment, as well as how to deploy Windows system with the use of modern methods including planning and implementing Windows system update strategy
Key components of modern management and co-management strategies, including Microsoft Intune deployment in organization, as well as how to use it to manage modern computers and devices, that is methods of deploying and implementing browser applications
Key security concepts in management, including identity authentication and access, as well as information about how to protect these categories not to Azure Active Directory service, the use of Microsoft Intune to protect the device and data with the appliance of compatibility rules and key functions of Azure Information Protection service and advanced Windows Defender anti-threat protection, as well as ways to deploy these functions

Benefits

Gaining knowledge and practical skills from installing and configuring Windows 10 system.
This includes:

- process of planning, developing and introducing strategy of deployment, updates and operational system updates.
- advantages and disadvantages of shared management strategy.

- process of planning and deploying registration and configuration of devices.
- process od deploying and managing applications.
- process of planning mobile application management strategy.
- Process of managing users and authentication with Azure AD and Active Directory DS. services.
- Describing and implementing methods applied to protect devices and data.

Training program

1. Acquaintance with Endpoint service.
   - Introduction to system management
   - Discussing Windows edition
   - Acquaintance with Azure Active Directory
   - Azure Active Directory identity management.
2. Device registration.
   - Device authentication management
   - Device registration using Microsoft Configuration Manager
   - Device registration in Microsoft Intune.
3. Configuring profiles for users and devices.
   - Device profiles
   - Monitoring device profiles
   - User profile maintenance.
4. Application management
   - Mobile application management
   - Deloying and updating applications
   - Administering Endpoint applications.
5. Authentication and compatibility management
   - Identity protection in Azure Active Directory
   - Conditional access configuration
   - Implementing device compatibility
   - Compatibility and inventory reports.
6. Endpoint securities management
   - Deploying data security to devices
   - Microsoft Defender for Endpoint service management
   - Windows Client Microsoft Defender management
   - Microsoft Defender for Cloud Apps management.
7. Distribution with the use of local tools
   - Evaluating deployment readiness
   - Deployment with the use of Microsoft Deployment Toolkit
   - Distribution with the use of Microsoft Configuration Manager.

8. Distribution with the use of cloud-based tools
   - Distribution with the use of Windows Autopilot
   - Deployment dynamic methods
   - Planning transition to modern Endpoint management
   - Windows 365 management
   - Azure virtual desktop management

Expected preparation of the participant

Knowledge of Microsoft 365 platform and very good skills and experience in deploying, configuring and maintenance of hardware with Windows 10 and better, as well as other devices with Windows.
Experience in installing, updating and maintenance of physical computers with Windows 10/11.
Knowledge of mobile devices management topics.
To increase the comfort of work and training's effectiveness we suggest using an additional monitor. The lack of additional monitor does not exclude participation in the training, however, it significantly influences the comfort of work during classes.
You can find information and requirements of participation in Distance Learning trainings at: https://www.altkomakademia.pl/en/how-it-works/about-courses/

Training Includes

- manual in electronic form available on the platform: https://learn.microsoft.com/pl-pl/training/
- access to Altkom Akademia's student portal

Language

- Training: English
- Materials: English

Examination method

On-line exam. Record at: https://home.pearsonvue.com/Clients/Microsoft.aspx

Duration

5 days / 35 hours

Examination description

After the MD-102 course, you can take **Microsoft** certification **exams**:an Authorized Test Center,online being monitored by an offsite proctor. Details on the website:
https://learn.microsoft.com/en-us/certifications/exams/md-102/