training code: MS 55624 / ENG DL 5d / EN

Windows 11 Advanced Administration

This 5-day course is intended to provide you with the knowledge and skills to manage your organization’s Windows 11 devices in both on-premises and cloud-based scenarios.

This course is a community course.

Training recipients

- For Active Directory-based network administrators
- For advanced Windows 11 users
- For individuals who will be performing tasks related to Windows 11 administration in a Microsoft environment in their daily work.
- For advanced users who will be supporting other Windows 11 users.

Benefits

- Preparation for troubleshoot and recover Windows 11.
- Administer Windows 11 remotely.
- Provision Windows 11 using Windows Autopilot.
- Manage device compliance and security features on Windows 11.
- Implement conditional access, Windows Hello, and MFA.
- Configure devices using both Group Policy and Microsoft Intune.
- Monitor and optimize Windows.

Training program

1: Exploring the Windows 11 architecture
- Windows 11 Overview
- Windows 11 system architecture

2: Administering Windows 11 remotely
- Remote management options
- Implement remote management using Windows Admin Center
- Implement remote management using Windows PowerShell

3: Deploying Windows 11
- Overview of on-premises deployment
- Deploy using the Microsoft Deployment Toolkit
- Prepare to upgrade
- Perform an upgrade
- Migrate user state

4: Provisioning Windows 11
- Dynamic provisioning
- Overview of Windows Autopilot
- Implement Windows Autopilot deployment
- Provision Windows with Autopilot device preparation

5: Networking Windows 11
- Configure network connectivity
- Troubleshoot network connections
- Implement name resolution
- Implement remote access
- Implement IPv6

6: Managing identity
- Overview of Active Directory
- Overview of Entra ID
- Manage device authentication
- Implement identity protection

7: Configuring Windows 11
- Implement and troubleshoot Group Policy
- Configure devices using Intune
- Manage Windows 11 updates

8: Managing apps
- Manage Win32 apps
- Manage UWP apps
- Use Intune to deploy apps to Windows 11
- Manage app compatibility

9: Managing storage and file resources
- Windows 11 storage overview
- Manage storage
- Manage and share files

10: Securing Windows 11
- Security features in Windows 11
- Implement BitLocker
- Implement device compliance and conditional access
- Implement security using Intune

11: Monitoring Windows 11
- Manage events
- Optimize endpoint performance

12: Recovering Windows 11
- Implement data protection and recovery
- Use Windows recovery tools
- Manage devices and services
- Review the Registry
- Analyze system crashes

Expected preparation of the participant

- Basic knowledge of networking
- Basic knowledge of Microsoft Windows Server and Windows 11
- Basic knowledge of Active Directory
- Basic knowledge of Windows Powershell

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

access to Altkom Akademia's student portal

Duration

5 days / 35 hours

Language

- Training: English
- Materials: English