

# 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



### Training Includes

access to Altkom Akademia's student portal



### Duration

5 days / 35 hours

## Language

- Training: English
- Materials: English