training code: MS 55630 / ENG DL 4d / EN

Managing Windows Environments with Group Policy

This course is intended to provide you with the knowledge and skills to plan, implement, maintain, and troubleshoot an Active Directory Group Policy environment.

This course is a community course.

This course replace MS 50255 Managing Windows Environments with Group Policy community training.

Training recipients

- For beginner Active Directory-based network administrators
- For individuals who will be performing tasks related to Group Policy administration in a Windows Server and Windows 11 environment in their daily work.
- For administrators who want to gain theoretical and practical knowledge of using Group Policy in Active Directory environment.
- For administrators who will be implementing security baselines using Group Policy settings.

Benefits

- Preparation for planning and implementing Group Policy.
- Defining the basic functionalities of Group Policy in Active Directory – you will gain knowledge of the basic features, components, and functionality of this solution.
- Understanding, configuring and troubleshooting Group Policy Processing.
- Manage apps and user settings with Group Policy – you will practice typical administrative tasks.
- Understanding, how to configure security with Group Policy.
- Using Group Policy – Related Tools – you will learn the basics of using Group Policy administrative

tools.

Training program

1: Implementing local and remote management
- Overview of Windows 11 and Windows Server local management tools
- Implementing command line administration
- Implementing remote administration
- Using Windows Admin Center

2: What is Local Group Policy?
- Overview of Local Group Policies
- Local Group Policy Processing

3: Administering Active Directory
- AD DS fundamentals
- Domain controllers
- How AD DS replication works
- What are sites and subnets?
- Configuring and monitoring AD DS replication

4: Working with OUs
- Planning OUs
- Implementing OUs

5: Overview of Group Policy
- Introducing Group Policy
- Group Policy administration fundamentals

6: Implementing a Group Policy infrastructure
- Managing GPOs
- Implementing administrative templates

7: Managing Group Policy Processing
- How GPOs are processed
- Changing GPO processing behavior

8: Managing apps
- Managing Win32 apps
- Managing UWP apps

9: Managing user settings
- Managing user profiles
- Synchronizing user data with Folder Redirection
- Implementing scripts

10: Managing preferences
- Implementing preferences

- Using item-level targeting

11: Configuring security

- Managing user security
- Deploying certificates
- Implementing Windows 11 security

12: Maintaining Windows 11

- Overview of Windows Update
- Updating Windows

13: Troubleshooting Group Policy

- Group Policy processing review
- Identifying and resolving Group Policy application issues

Expected preparation of the participant

- Basic knowledge of networking
- Basic knowledge of Microsoft Windows Server
- Basic knowledge of Active Directory

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

4 days / 28 hours

Language

- Training: English
- Materials: English