



BATCH : 146 - 149

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LESSON : **Windows Server**

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DATE : 19.07.2023

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SUBJECT : **Group Policy Management**

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ZOOM GİRİŞLERİNİZİ LÜTFEN **LMS** SİSTEMİ ÜZERİNDEN YAPINIZ





# Windows Server Day 3

- Bugünkü dersin pre-class materyalini incelediniz mi?

## Previously

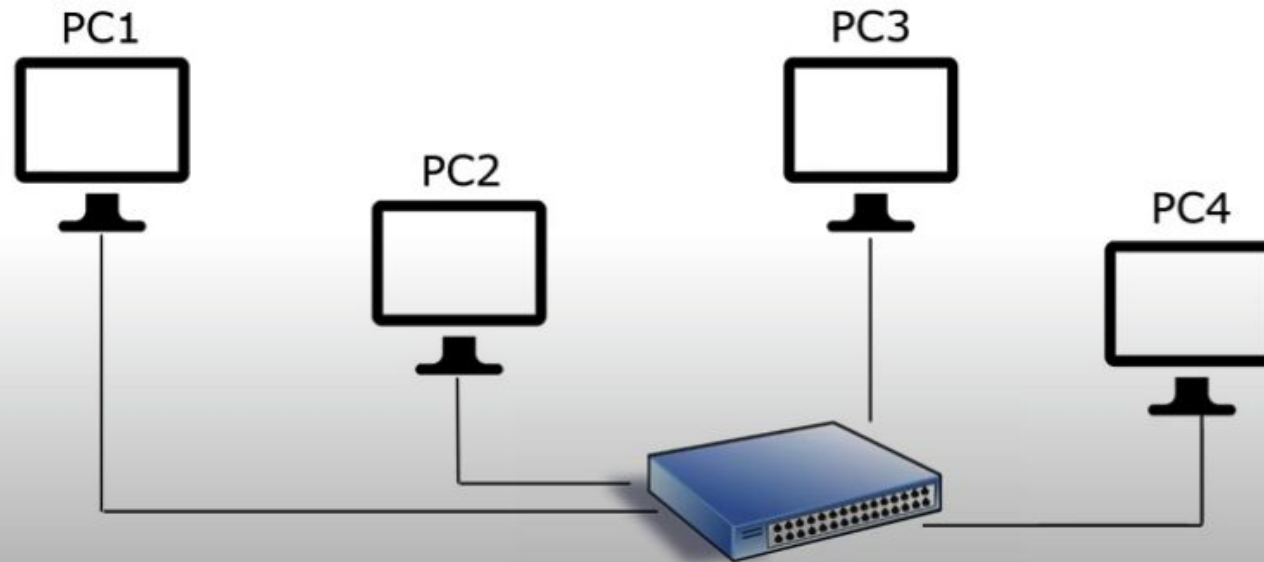
- Domain Controller
- Joining a Domain
- AD Objects
- Users
- Groups
- Computers





# Recap

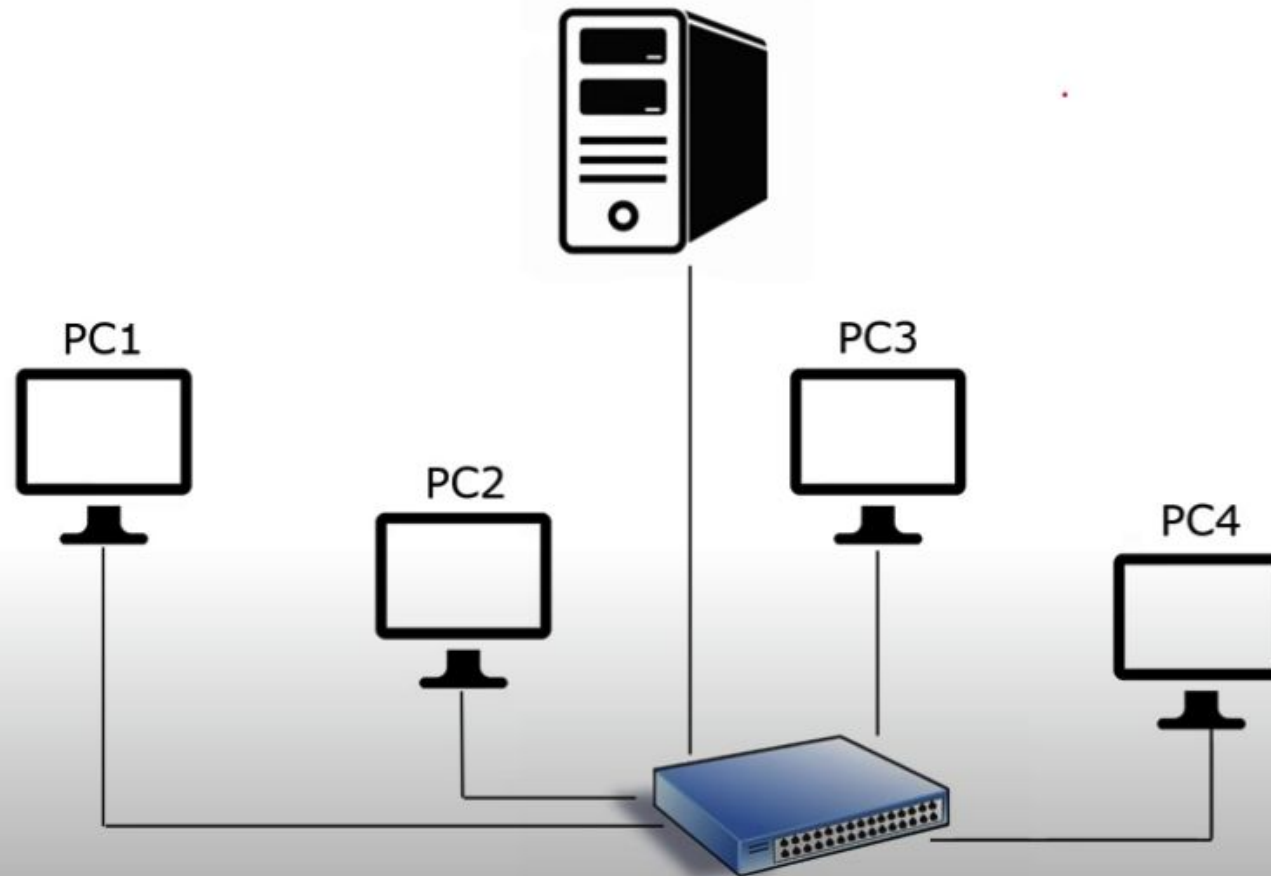
## Workgroup vs Domain





# Recap

## Workgroup vs Domain



## Contents

- Active Directory Users and Computers
- Permissions
- Remote Desktop
- Group Policy Management
- Around 3000 GP Settings

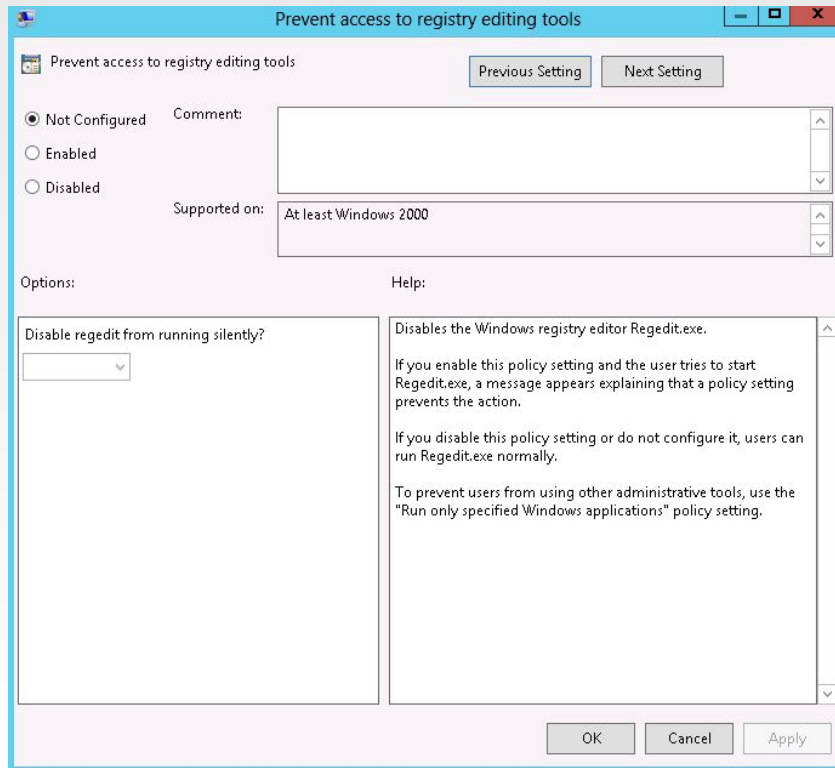




# Components of Group Policy

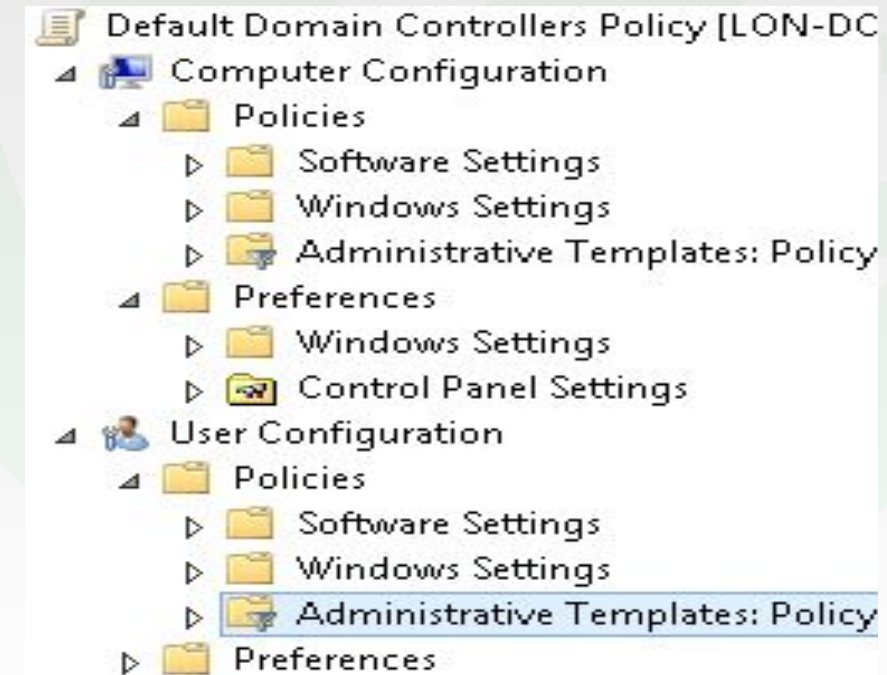
## A Group Policy setting:

- Defines a specific configuration change
- Can be applied to a **user** or to a **computer**



## A GPO:

- Is a collection of Group Policy settings
- Can be applied to a user, a computer, or both







# What Are Group Policy Preferences?

Use Group Policy preferences to:

- **Configure, deploy, and manage operating system and application settings that are not manageable by using Group Policy**
  - Apply once at startup or sign in, optionally refresh at intervals
  - Target to users or computers
- Expand the range of configurable settings within a GPO

Group Policy preferences:

- Are not enforced
- Are not removed when the GPO no longer applies
- Do not disable the interface of the setting; users can change the setting
- Cannot be used in local group policies





# GPO Links

When linking GPOs, remember that:

- To deliver settings to an object, a **GPO must be linked to a container**
- Disabling a link removes the settings from the container
- Deleting a link does not delete the GPO

## GPOs can be linked to:

- Sites
- Domains
- OUs

## GPOs cannot be linked to:

- Users
- Groups
- Computers
- System containers



# Applying GPOs

When you apply GPOs, remember that:

- **Computer settings apply at startup**
- **User settings apply at sign in**
- Policies refresh at regular, configurable intervals
- Security settings refresh at least every 16 hours
- Policies refresh manually by using:
  - The **gpupdate** command
  - The Windows PowerShell cmdlet `Invoke-Gpupdate`
- Since Windows Server 2012 and Windows 8, a new Remote Policy Refresh feature allows you to remotely refresh policies



# What Are Multiple Local GPOs?

## Multiple Local Group Policies:

- Have a single computer configuration that applies to the computer for all users who log on
- Have layers of user settings that can apply only to individual users, not to groups

There are three layers of user configurations:



Administrator



Standard user



User-specific



# What Are the Default GPOs?

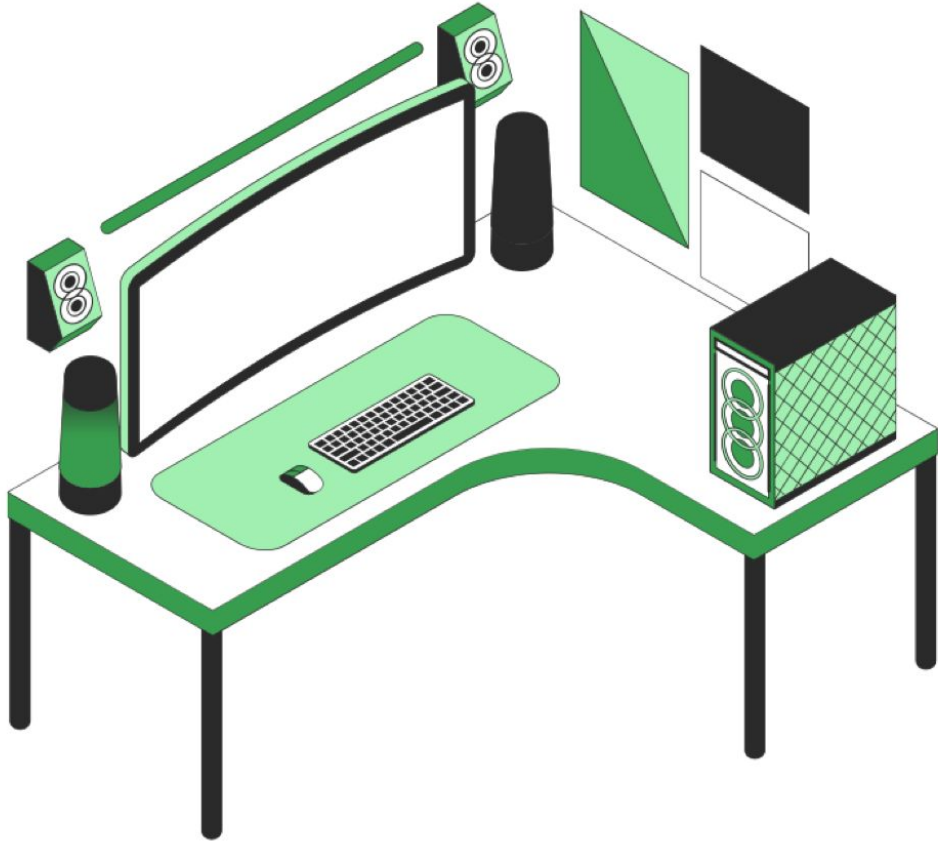
There are two default GPOs:

- **Default Domain Policy**
  - Used to define the account policies for the domain:
    - Password
    - Account lockout
    - Kerberos protocol
- **Default Domain Controllers Policy**
  - Used to define auditing policies
  - Defines user rights on domain controllers



# Reminder

**Add a new VM in VirtualBox of a Windows Server 2012**



Do you  
have any  
questions?

Send it to us! We hope you learned  
something new.