BATCH : BATCH 85

LESSON : **Windows Server**

DATE : 20.07.2022
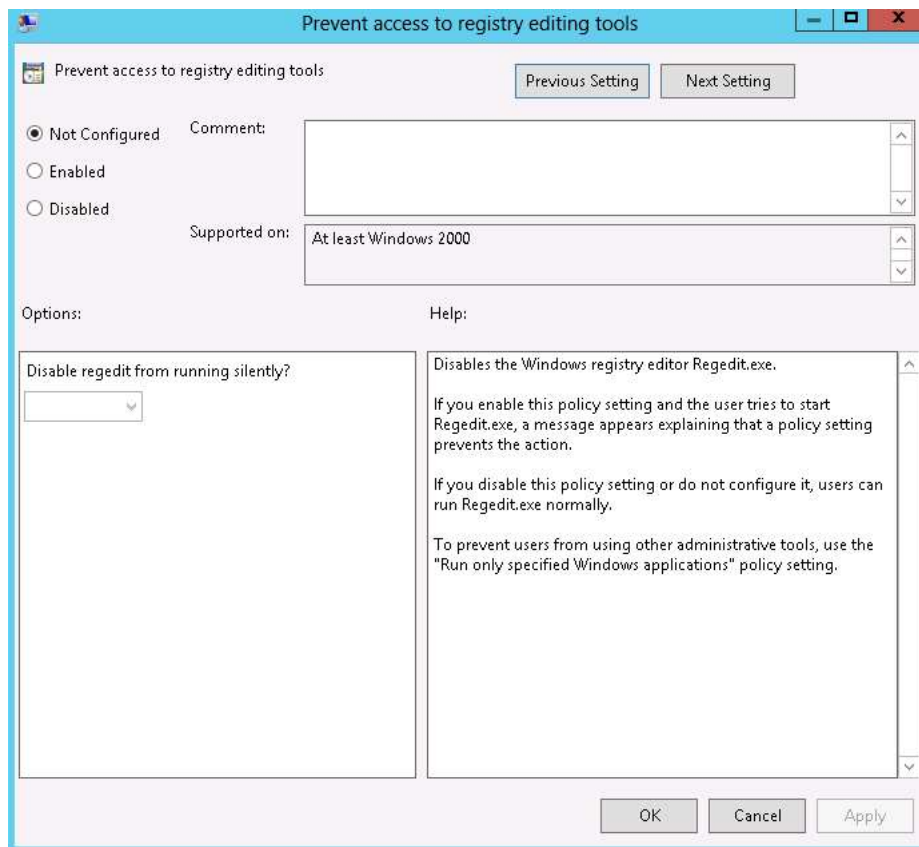
SUBJECT : **Group Policy**

# Module Overview

- Overview of Group Policy
- Group Policy Processing
- Implementing a Central Store for Administrative Templates
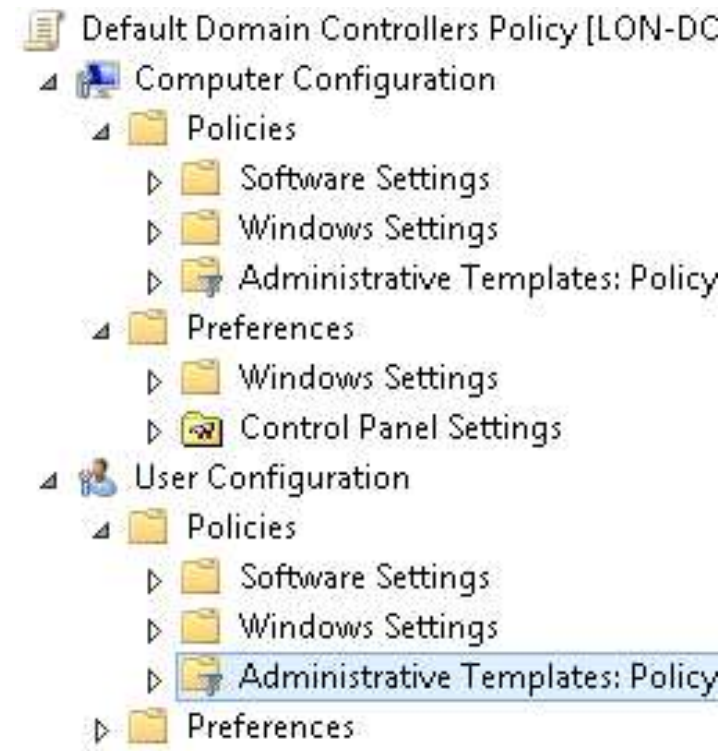
# Components of Group Policy

## 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 polices

# 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
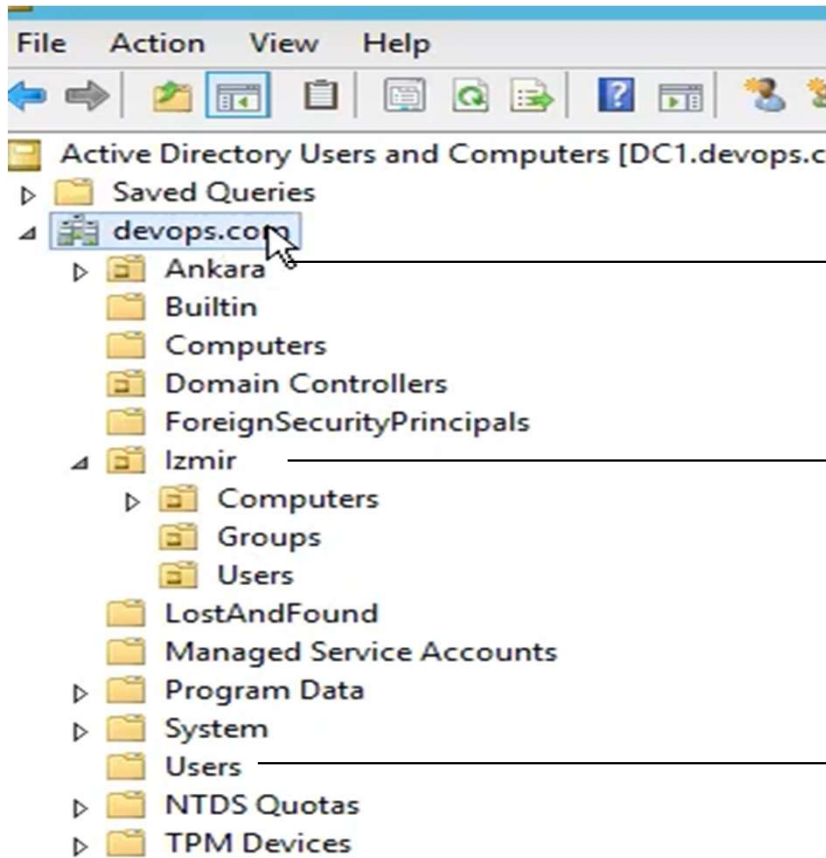- Deleting a link does not delete the GPO

**Grup Policy Uygulanir:**

- Sites
- Domains
- OUs

**Grup Policy Uygulanamaz:**

- Users(Direkt Olarak)
- Groups(Direkt Olarak)
- Computers(Direkt Olarak)
- System containers

# Bir Onceki Slaytin Aciklamasi



File   Action   View   Help

Active Directory Users and Computers [DC1.devops.c
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  ⊿ 🏢 devops.com
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       ▷ 📔 Computers
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       📁 Users                             ————————————————→   Group Policy uygulanamaz
    ▷ 📁 NTDS Quotas
    ▷ 📁 TPM Devices

# Applying GPOs

When you apply GPOs, remember that:

- Computer settings apply at startup
- User settings apply at sign in
- Polices 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