IT 3850 Computer System Administration  
Spring 2022

**Laboratory # 12 - Active Directory - Group Policy Objects (GPOs)**

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*This lab is optional, the grade obtained will replace the lowest grade among your labs, only in the case this lab grade is higher than the lowest one.*



1. **Objectives**
2. Explain Group Policy Objects (GPOs) over AD 2019/2022.
3. Implement GPOs on AD joined systems.
4. **Material Required**
5. Microsoft Windows Server 2019/2022 VM.
6. Microsoft Windows 10
7. **Activity**
8. A large amount of time SysAdmins spends during the day, is investigating and keeping their knowledge updated. In this laboratory, you are tasked to implement settings for different groups of systems connected (through GPO) to your Active Directory.
9. You can use any resource you prefer to accomplish the implementation of GPOs of any type in your local environment.
10. **Review Questions**

**\*Important\*. For each question where you are required for a screenshot, include the screenshot that clearly demonstrates you completed that step successfully.** Include any commands you executed for each step as well, if applicable**. All the screenshots for this lab and future labs must include your pawprint in the command prompt or have other information visible that identifies you (i.e. type/draw your pawprint).** This is to ensure that you are submitting your own work.

Answer the following questions and perform the following tasks. Construct your report in a document to submit on Canvas. Make sure to read the directions and the rubric carefully!

* A screenshot of a computer

  Description automatically generatedIn the Windows Server 2019/2022 AD implement **two** GPOs (of any type) applied over the system(s) connected to your AD.
* Attach 4 screenshots for **each** GPO successfully implemented.

With my first GPO I chose to restrict access to the command prompt. This can help prevent any users from messing around with the system and crashing it or transferring files around the network

Graphical user interface, text, application

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generatedWith my second GPO I am providing the user with a default desktop background. This could be used to promote the company or help authorize/ remind that this is a company computer. It will also prevent people from putting anything inappropriate on their desktop background.

Graphical user interface, text, application

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

I changed the background. It’s black instead of the default blue one with the windows logo.