Implementing Group Policy Objects

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Author Note

This paper was prepared for NTS216 taught by Professor Mason Galatas.

Abstract

The purpose of this paper is to provide an explanation and overview of the implementation of

group policy objects (GPOs) in a Windows Server 2016 Virtual Machine.

Implementing Group Policy Objects

Due to the assignment closely following the instructions of the exercises given in the

book, the paper will document the progress the author made following said instructions. First, the

Group Policy management tool was opened and through it, a new GPO was created called

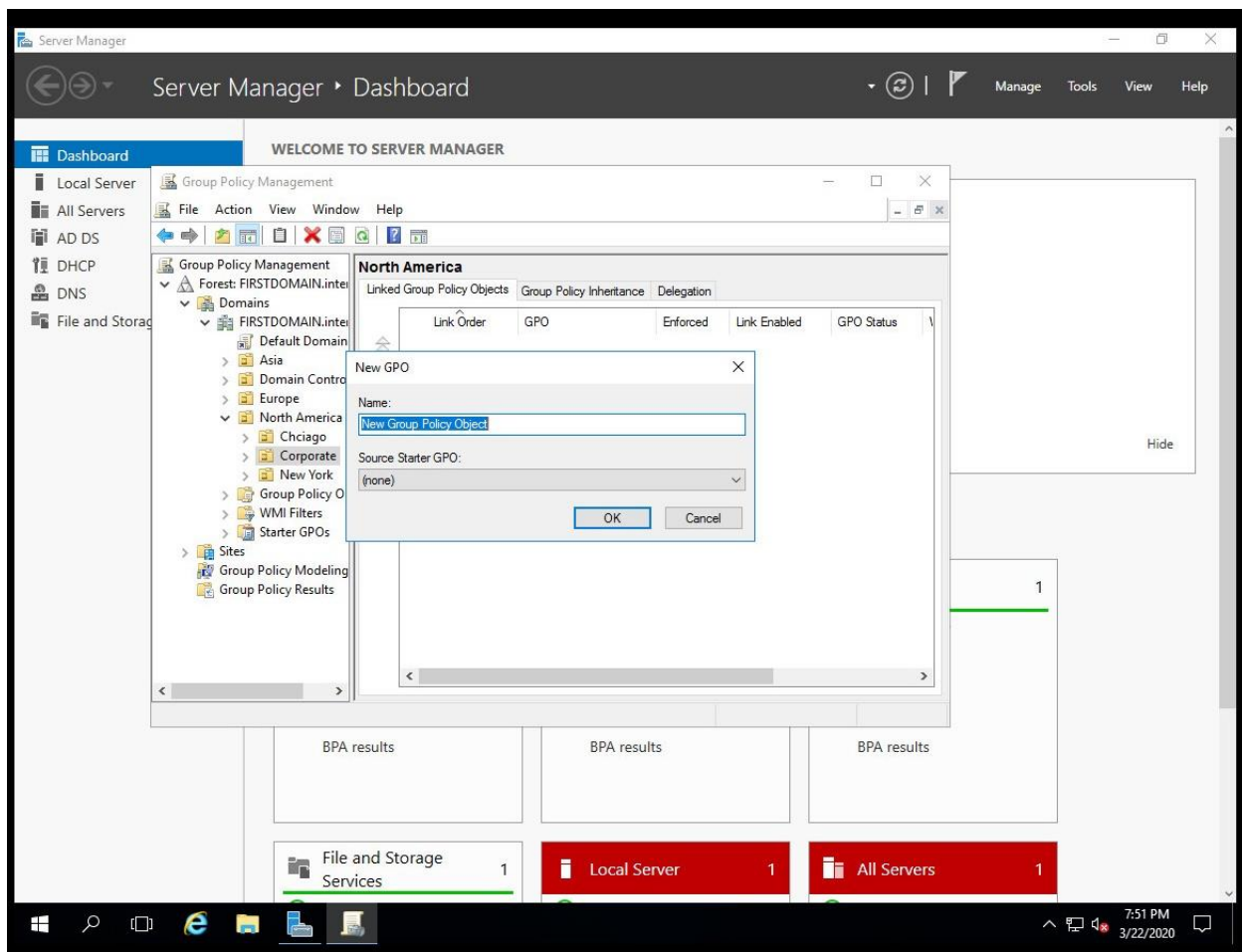"Unlinked Test GPO," which was then customized per the exercise's instructions.

Figure 1. Windows Server 2016 screenshot. This shows the creation of a new GPO

within the Corporate OU.

Next, the Africa organizational unit (OU) was linked to Unliked Test GPO and, following

that, a new OU was created named "Group Policy Test," along with two global security groups
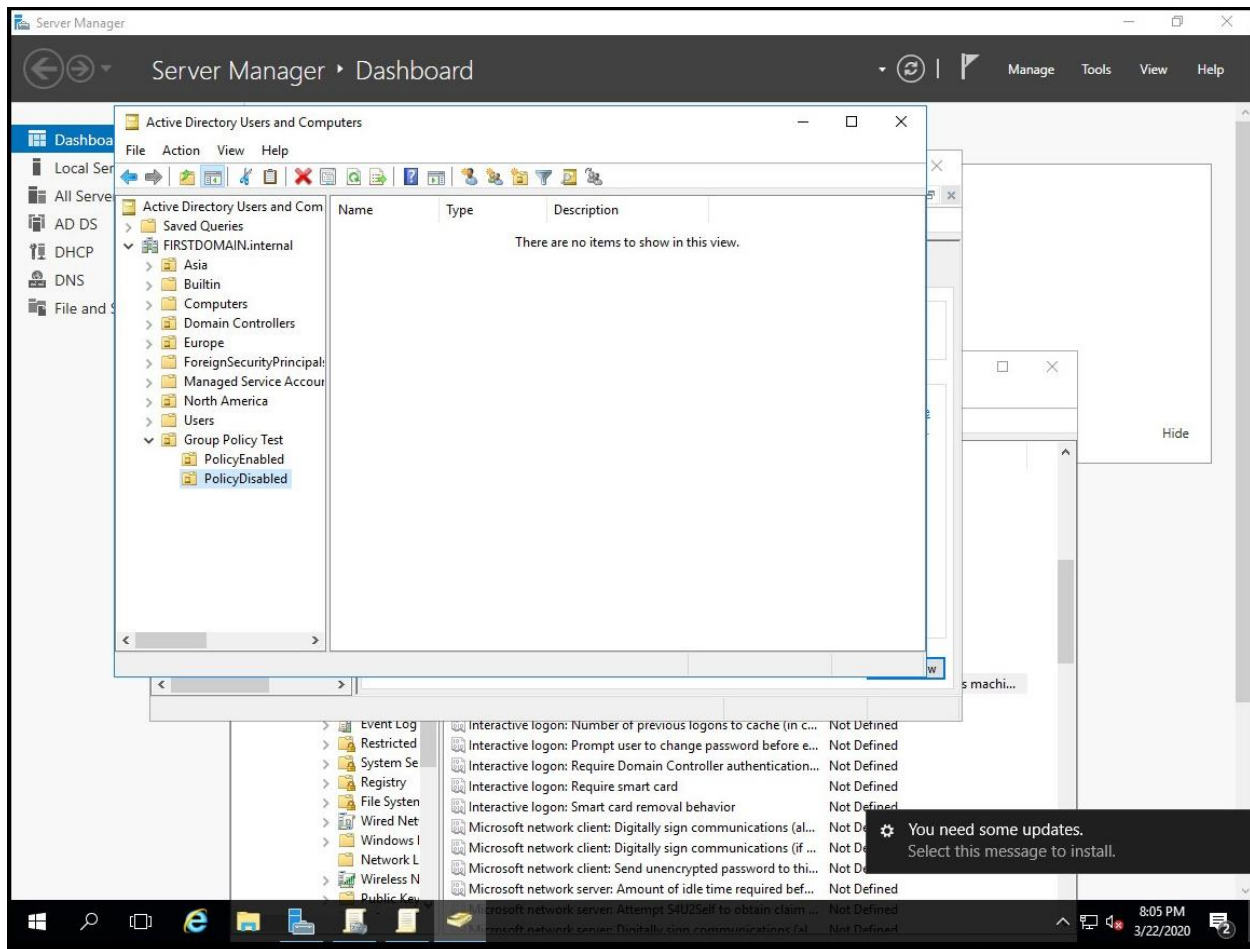
within it.

Figure 2. Windows Server 2016 screenshot. This showcases the results of the new

OU.

The OU was linked to the Unlinked Test GPO (ironically) and, through the Delegation tab in the

Group Policy Manager, the two global security groups were added to the GPO and further

customized. Next, a new user named "Policy Admin" was created and assigned to the Group

Policy Test OU through the Group Policy Manager and then given full permissions control.
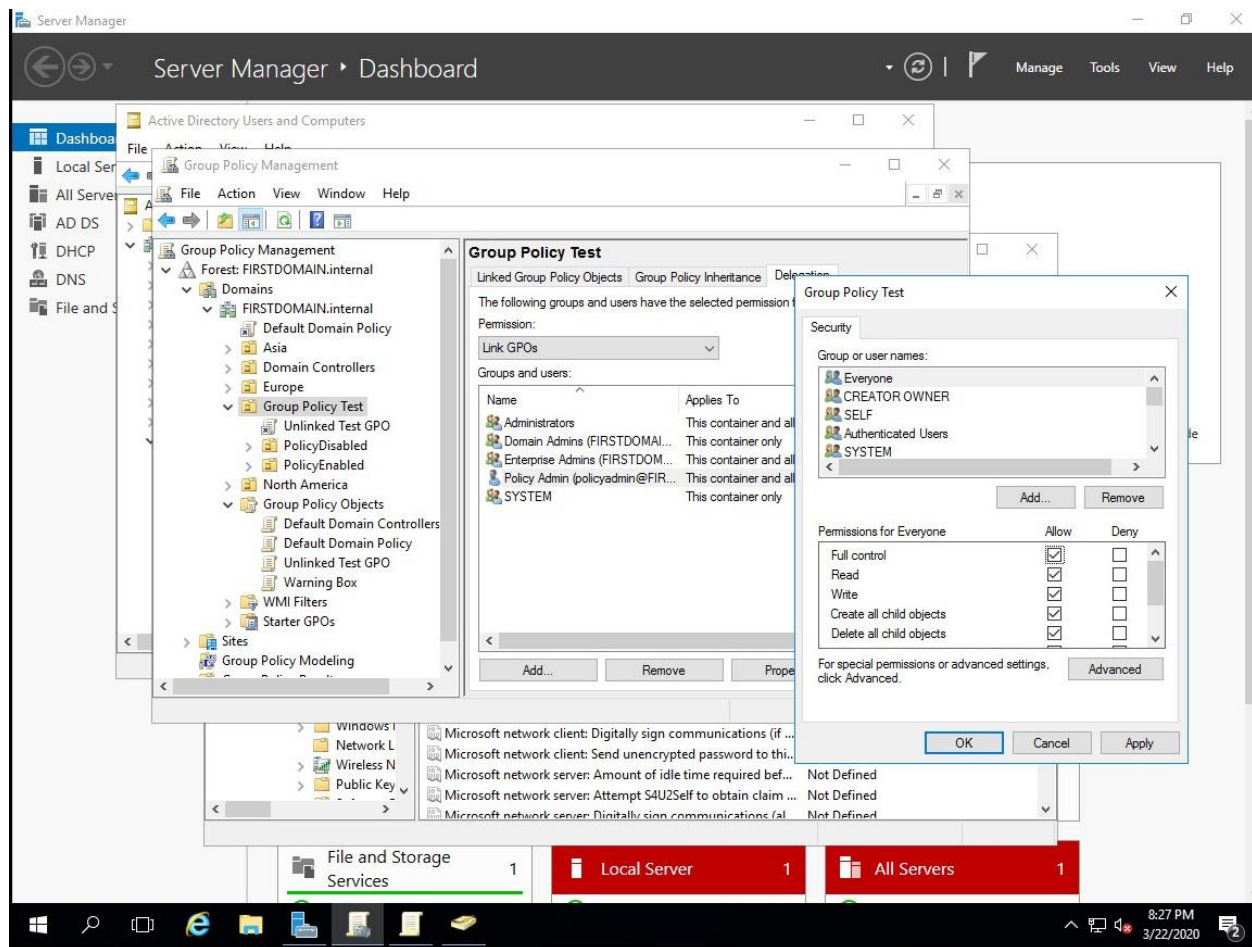
Figure 3. Windows Server 2016 screenshot. This showcases the "Policy Admin" user

being given "full control" through use of the Group Policy Manager.

Following that, "TEST CA" was created (a new GPO) and linked the North America OU

(which was then customized as well, per the instructions given in the exercise. The GPO was

next configured to redirect all folders to the "same location." A folder named Software was

created and within it, another named "Office 2016." The necessary files were downloaded to it

and shared.

Next, a new OU, "Software" was created (along with the user "Jane User") and had the

"Software Deployment" GPO created and linked to it, which was then linked to the
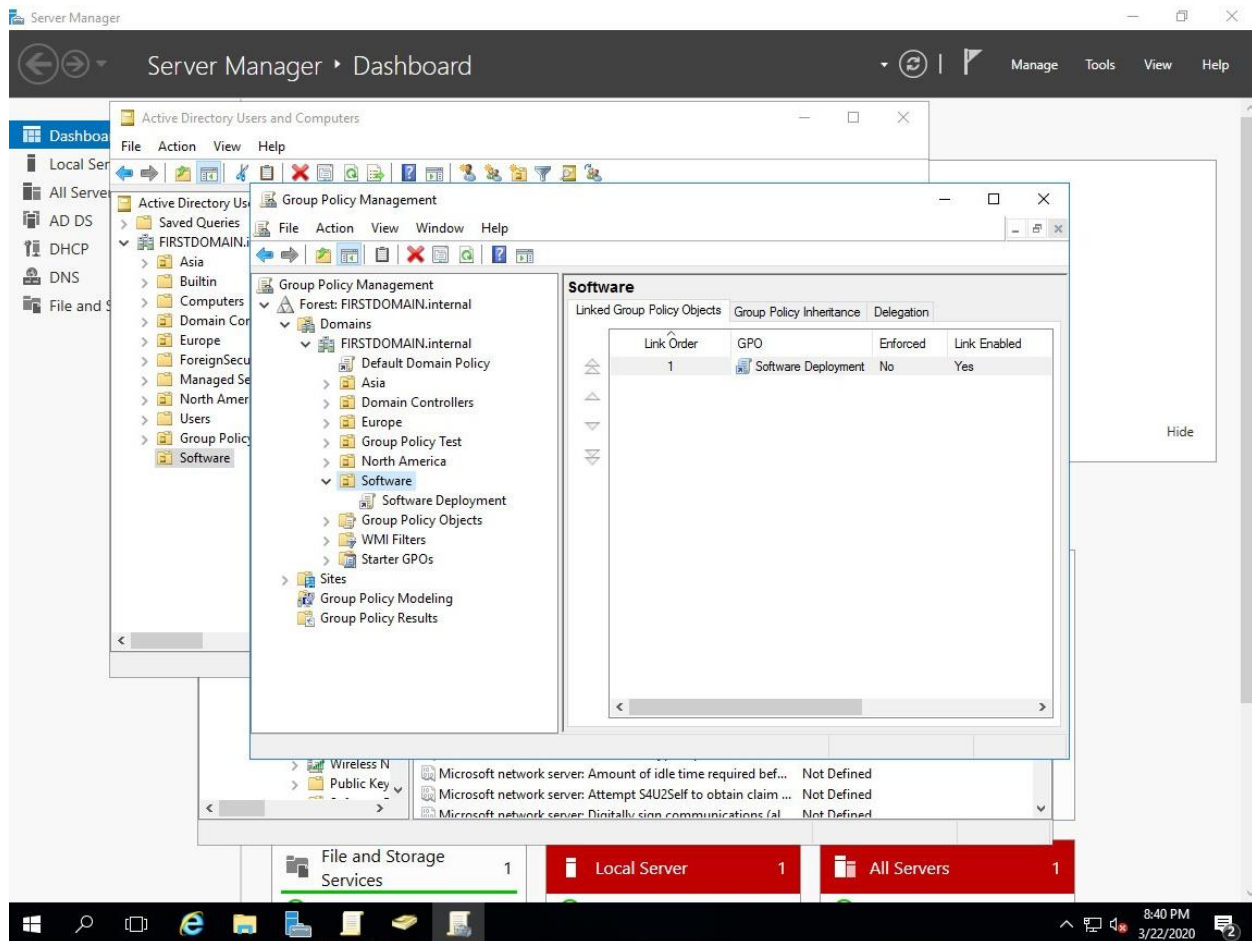
aforementioned files.

Figure 4. Windows Server 2016 screenshot. This showcases the "Software" OU and the "Software Deployment' GPO.

Finally, the "Software Installation" object was edited as specified.

References

No references were used aside from the author's virtual machine.