Justin Zamecnik

Lab Report 1

Objectives:

Manage user permissions for folder and other resources by using Active Directory.

Equipment List:

The technology used in this lab was:

* Server with 300 GB disk
* Monitor
* Keyboard and mouse
* Browser for remote connection to the virtual environment
* Lab computer for access remotely

Notes and Observations:

This lab went smoothly for the most part. We never had any major problems setting up the users, but we had some issues towards the end when the permissions were tested. We thought we had ran into an issue with allowing someone to open, read, and also write on a certain file where that access shouldn’t be available. It was an easy fix and we got it running smoothly in no time.

Diagrams, flowcharts, and figures:

References:

No references were used in this lab.

Questions:

There were no questions for this lab

Conclusion and Reflection:

Overall, this might be my favorite lab so far. It helped me grasp the idea of Active Directory and how important its implementation is within a network. I have had experience using it before, but I was on the user end of things. At my internship I was curious about how only marketing people were allowed to go in and tinker with the files within the marketing folder. I thought that it must be some complicated system, but this lab showed me that it’s simpler than I had expected. Naturally, it is very time consuming, but the use of global groups and domain local groups really helps the organizational process. Naturally, most companies are going to have more than the seven total employees that we used for our lab, but the idea is still the same. At my internship I originally had no access to the files on the network. This was simply because I was not within the marketing global group. Once I was placed into that global group my access was granted and things ran smoother for me. This lab answered some of the IT problems that were happening while internship was happening. Overall, this lab went smooth, minus a few hiccups here and there towards the end. Active Directory seems to be a good thing to get experience with because the need for it within many businesses.

Link to github:

<https://github.com/jtylerzamecnik/SysAdmin/tree/master/Lab%203>