Objectives:

* Add a second domain controller to a domain and install and configure Distributed File System (DFS) with replication.

Equipment List:

* Poweredge R710 Server

Notes and Observations:

* In the ‘Lab 5.txt’ file. Especially that replication groups suck.

References:

* <https://nedimmehic.org/2017/10/05/how-to-install-and-configure-distributed-file-system-dfs-2016-part-1/>
* <https://nedimmehic.org/2017/11/01/how-to-install-and-configure-distributed-file-system-dfs-2016-part-2/>

Questions:

1. What advantages does DFS offer over regular folder shares?
   1. Increased control over security & access.
2. What advantages does domain-based namespace have over standalone DFS?
   1. Easier to reference locations within the server.
3. What is the purpose of the referral server in DFS? Why is it important to have a backup referral server?
   1. Referral server directs the traffic in DFS, so it’s important that we have a backup for this info because it would be an obvious pain to try and rebuild everything.

Conclusion and Reflection:

* It was a really rough lab due to the confusion of replication groups. Other than that, though, the DFS system is really interesting. It’s cool to learn how to do stuff in this class that I see at work in the IT department. Once again, though, I appreciate the studio learning environment with this kind of lab because there’s so many small details that you wouldn’t learn about if you weren’t doing it.