Lab #005

Add second DC and Configure DFS: Backing up our backups

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Learning Objectives: Our objective for this lab was to add a second domain controller and configure dfs with replication.

Equipment: No *new* equipment is required. You'll need a second virtual server set up, however.

Notes: As mentioned in the "equipment" section, we first set up a second domain controller. Then, we installed dfs replication and namespaces.We opened the dfs management console, and added a new namespace. After that was set up, we added a folder that was to be shared to everybody. We also pointed our second server at this folder. We created a replication group with a full mesh. After setting up ntfs permissions on the folder, we were good to go.

Diagrams: N/A

References: N/A

Questions: Regular file shares can be broken if they're mapped manually, and can be a massive pain if new users/groups are added and a connection breaks. Adding a new server isn't a complete nightmare this way. DFS fixes it to a single name space that can be shared. A single namespace is much easier to manage. A referral server is the server the other servers "refer" to. The changes are made on there, the servers refer to it, and replicate the changes.

Conclusion: Good stuff! Learned a fair amount about sharing and permissions.