***Milestone 3 Start***

Use this template file to organize screenshots demonstrating completion of each rubric item. Your screenshots do not need to match the example ones. You will also need to meet with your instructor during class time to demonstrate your working Virtual Machines and answer any questions they may have to receive your mark.

## Client Creation

* Install a Windows 10 or 11 client on a new virtual machine. (ISO files can be found in the Software folder on Azure or downloaded from Microsoft)
* Add the client to the domain
* The client’s IP address should be automatically assigned by DC1 using DHCP that was setup in Milestone 1.

|  |  |
| --- | --- |
| * Client Operation System installed | 2 |
| * Client naming convention is correct | 1 |
| * Client is set to DHCP | 1 |
| * Client is added to the domain | 1 |
| * DNS Name Resolution Working | 2 |

**Insert a screenshot(s) showing the Client name, IP address, and Domain.**

**A computer screen shot of a black and white screen

Description automatically generated**

**Insert a screenshot of the results of NSLookup run on the client machine.**

A computer screen shot of a black screen

Description automatically generated

**Insert one (1) screenshot of the client’s system information from your Powershell script. Also submit the text file to the dropbox.**

A screenshot of a computer program

Description automatically generated

## Share Creation

* Create a separate share for the Marketing, Sales, Accounting (with separate folders for the AP/AR sub-departments under the root accounting folder) and TrainingUsers departments on the DC1 server.
* Create an IS and a Corporate share on the DM1 server.
* Populate all folders with at least 5 text files for testing.

|  |  |
| --- | --- |
| * Department Folders Created Properly on DC1 and are shared | 4 |
| * Department Folders Created Properly on DM1 and are shared | 2 |
| * Departmental Folders are Populated | 2 |

**Insert screenshots of each share with their 5 text files created on the DC1 server (6 shares total) This can be 6 separate screenshots or one including them all.**

**A screenshot of a computer

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**Insert screenshots of each share with their 5 text files created on the DM1 server (2 shares total) This can be 2 separate screenshots or one including them all.**

A screenshot of a computer

Description automatically generated with low confidence

* The Training users should only be allowed to login from Monday-Friday between 9 AM and 5 PM
  + Login restrictions are done on a user basis, but multiple users can be selected.
* All users should be able to restore to a previous version of the files stored on their data drives on the GUI Server
* Set quotas on the data drive on the GUI Server so that any user who exceeds 2 GB will receive a warning but will still be able to save the file

|  |  |
| --- | --- |
| * Training Users have Login Time Set | 2 |
| * Users can restore from previous file versions on GUI Server | 2 |
| * Quotas have been set on GUI Server. Users will be warned when surpassing quota limit | 2 |

**Insert a screenshot showing that users can now restore previous file versions.**

A screenshot of a computer

Description automatically generated

**Insert a screenshot of the Login Time restriction you have set**

A screenshot of a computer

Description automatically generated

**Insert a screenshot of the quota limit you have set.**

A screenshot of a computer

Description automatically generated

* Create a network Printer (print to file is ok) attached to the GUI server and share it to all users except the Sales group.
  + Adding an Active Directory share printer is not covered in the material, you will need to do a bit of googling.

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| --- | --- |
| * Printer Created on DC1Server | 2 |
| * Printer Shared Correctly | 2 |

**Insert screenshot of the printer’s sharing settings.**

A screenshot of a computer

Description automatically generated

## Share permissions

* Use best practices when assigning NTFS and Share Permissions – never assign permissions to an individual, always to a group. **In the case that there is only a single user, create a group for that single user that encompasses their role.**

|  |  |
| --- | --- |
| * Permissions are Applied only to Groups | 2 |

**This point will apply to all screenshots in this document.**

* Every user should have the ability to Read/Write/Execute/Modify documents in their appropriate departmental folder.

|  |  |
| --- | --- |
| * Marketing, IS, Sales and Training User Departmental Permissions are Correct | 4 |

**Insert screenshots of the sharing settings of the Marketing, IS, Sales, and Training departmental folders.**

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* Groups AR, AP and user Ida Boss should have Read/Write/Execute/Modify to the root Accounting folder.
* Ida Boss should have Read/Write/Execute/Modify to both the AR and the AP folders.
* AR should not have access to the AP folder.
* AP should have Read access to the AR folder.

|  |  |
| --- | --- |
| * Accounting Permissions are Correct | 6 |

**Insert screenshot(s) of the sharing settings of the Accounting, AR, and AP departmental folders.**

A screenshot of a computer

Description automatically generated

* Every user that is not an Audit User should have Read access to the Corporate folder.
* User Amanda Love should be able to Read and Modify files but not delete files on the Corporate folder.
* Audit Users should have Read/Write/Execute/Modify to the Corporate folder.

|  |  |
| --- | --- |
| * Corporate Permissions are Correct | 3 |

**Insert screenshot(s) of the sharing settings of the Corporate departmental folder.**

**A screenshot of a computer screen

Description automatically generated**

* Login as each user from the client machine so a profile is created.

|  |  |
| --- | --- |
| * All Users have been Logged into the Client Computer and a Profile Exists | 5 |

**Insert screenshot(s) that demonstrate logging it as 5 different users, the username should be visible.**

**Also submit your updated PowerShell script files from Milestone 1, as well as the updated output file(s) to the Learn Dropbox**