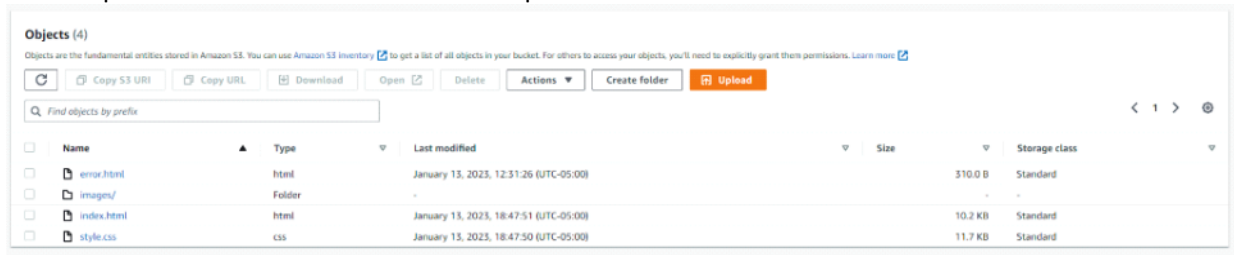


KEY

Monday, February 20, 2023 8:39 PM

Important Headings are Underlined and Bold:

- A bullet point indicates a note and NOT a step



The screenshot shows the Amazon S3 console interface. At the top, there's a header 'Objects (4)' and a description: 'Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 Inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)'. Below this is a toolbar with buttons: 'Copy S3 URI', 'Copy URL', 'Download', 'Open', 'Delete', 'Actions', 'Create folder', and 'Upload'. A search bar 'Find objects by prefix' is also present. The main area is a table with columns: 'Name', 'Type', 'Last modified', 'Size', and 'Storage class'. The table contains four rows: 'error.html' (html, 310.0 B, Standard), 'images/' (Folder, -, -), 'index.html' (html, 10.2 KB, Standard), and 'style.css' (css, 11.7 KB, Standard).

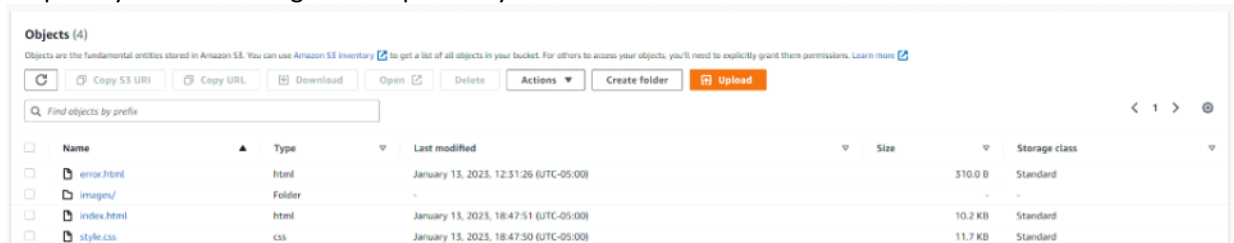
Name	Type	Last modified	Size	Storage class
error.html	html	January 13, 2023, 12:31:26 (UTC-05:00)	310.0 B	Standard
images/	Folder	-	-	-
index.html	html	January 13, 2023, 18:47:51 (UTC-05:00)	10.2 KB	Standard
style.css	css	January 13, 2023, 18:47:50 (UTC-05:00)	11.7 KB	Standard

- Bullet points may have images along with them to help visually
 - Bullet points may also have sub-bullet points for a more in-depth explanation

Headings in Bold Also Indicate Important Steps:

1. Steps are numbered, every new page starts with Step 1 and so on
 - a. Steps may have sub-steps to add more information

2. Steps may also have images to help visually



This is a duplicate of the screenshot above, showing the Amazon S3 console interface with a table of objects.

Name	Type	Last modified	Size	Storage class
error.html	html	January 13, 2023, 12:31:26 (UTC-05:00)	310.0 B	Standard
images/	Folder	-	-	-
index.html	html	January 13, 2023, 18:47:51 (UTC-05:00)	10.2 KB	Standard
style.css	css	January 13, 2023, 18:47:50 (UTC-05:00)	11.7 KB	Standard

3. **bold** word in steps indicate a button
4. *italicized* words in steps indicate input fields or options
5. Keyboard Input in Courier New Font
6. Underlined words indicate files
7. Menu navigation is indicated by the pipe symbol and italic words: *Start / Programs / MS Word*
8. Numbers referencing other steps will be in red(1...2...3)
9. Code will be in a textbox in COURIER NEW font

```
#include <stdio.h>

int main(void)
{
    printf("Hello World in C:");
    return 0;
}
```

Introduction to the Lab

Monday, February 20, 2023 1:57 PM

Home Lab Machines:

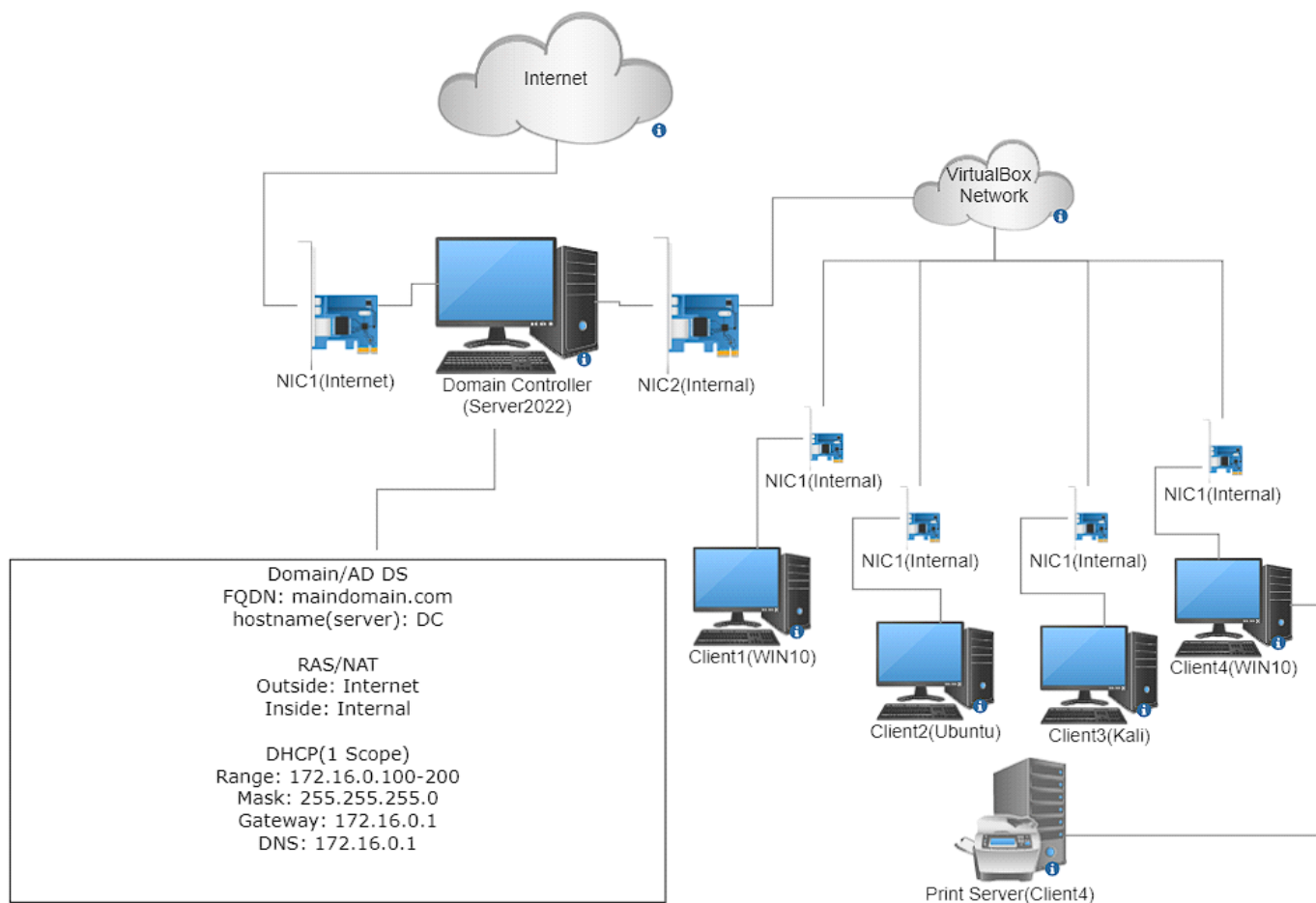
- 1 Windows Server 2022
- 2 Windows 10 Clients
 - 1 is used as a print server
- 1 Ubuntu Client
- 1 Kali Client
- All machines are virtual
- Am using VirtualBox software

Other Items Included in This Lab:

- Added an Ubuntu and Kali machine to the domain
- Created a Samba File Server for file sharing between clients
- Deployed software with a GPO
- Enabled SSH on clients
- Managed access controls for admins and users
- Deployed folder redirection for Windows clients
- Added a network-wide print server
- Other minor tasks were included(grouped in with the above tasks)

Notes About the Machines and Lab:

- All machines are added to the domain
- Print server is installed on Client4(WIN10)
- Network Diagram:



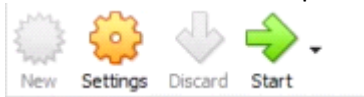
Creating a VM

Monday, February 20, 2023 10:24 PM

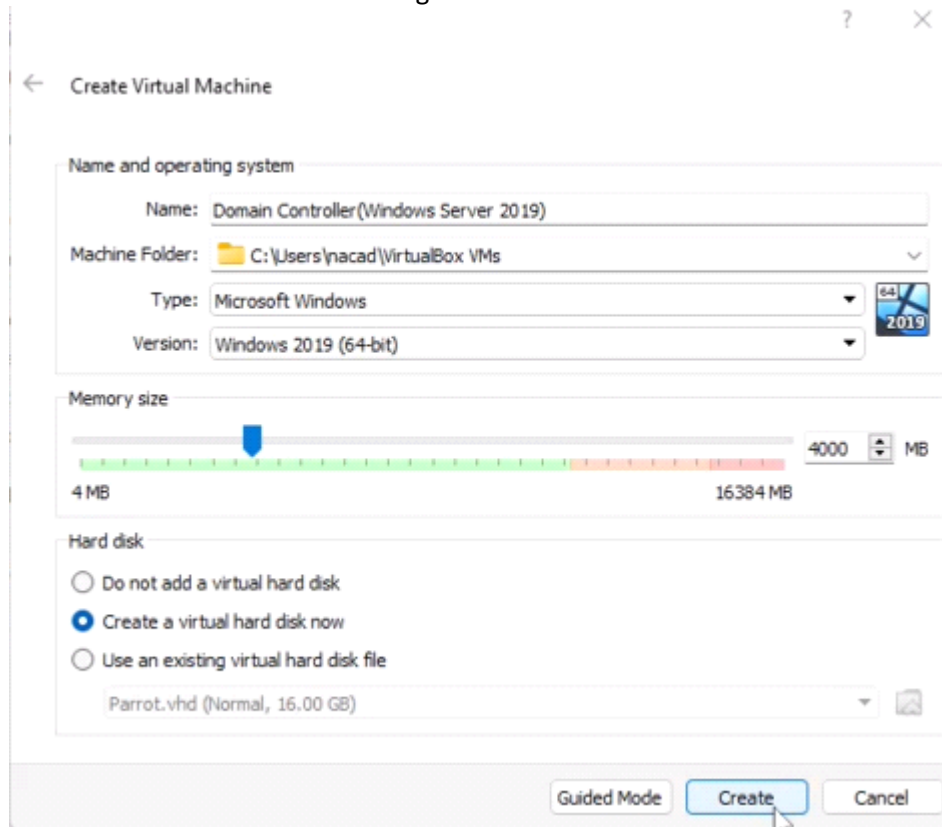
- Make sure to have the proper ISO files!
- Steps to create other VM's with different OS's is about the same process

Creating Windows Server(2019) VM:

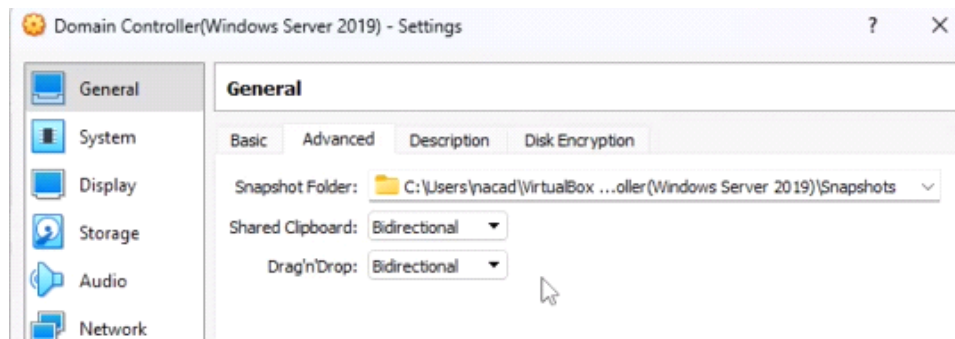
1. Clicked **New** button in top menu in VirtualBox



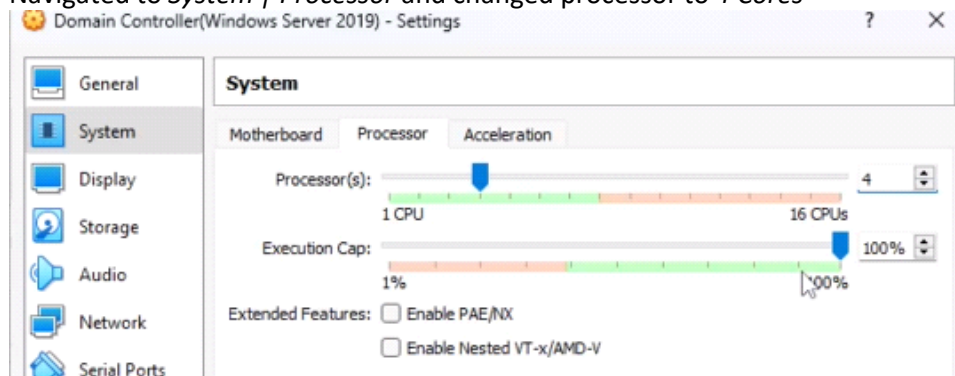
2. Filled out the fields in the following manner and clicked **Create**:



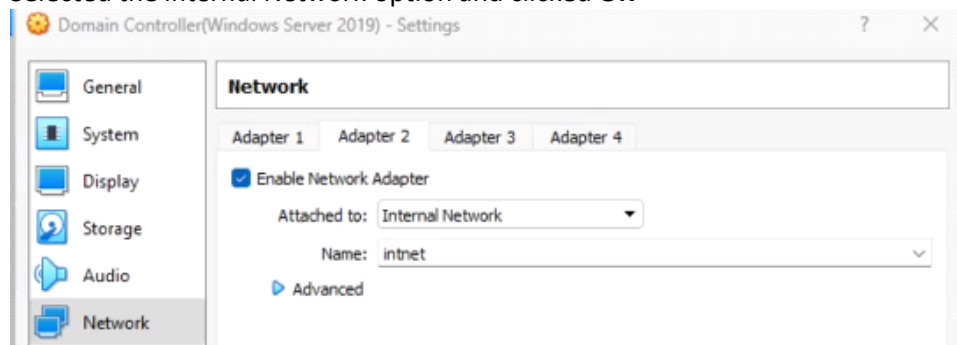
3. In the next window, moved slider bar to **100GB** and selected the **VDI(VirtualBox Disk Image)** option and clicked **Create**
4. Before turning on Machine right-clicked VM and click on **Settings**
5. Go to *General / Advanced* menu and turn on Bidirectional clipboard



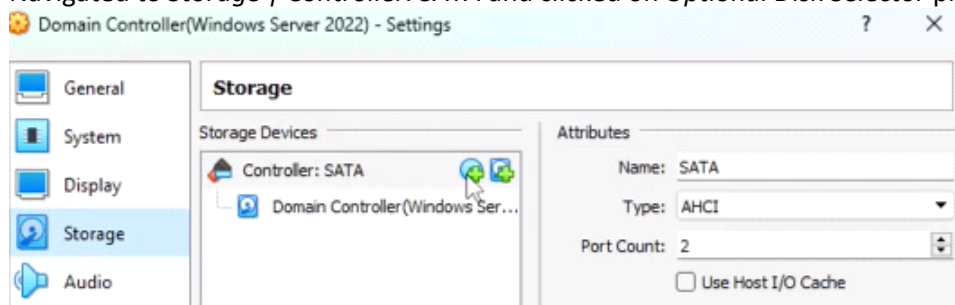
6. Navigated to *System / Processor* and changed processor to *4 Cores*



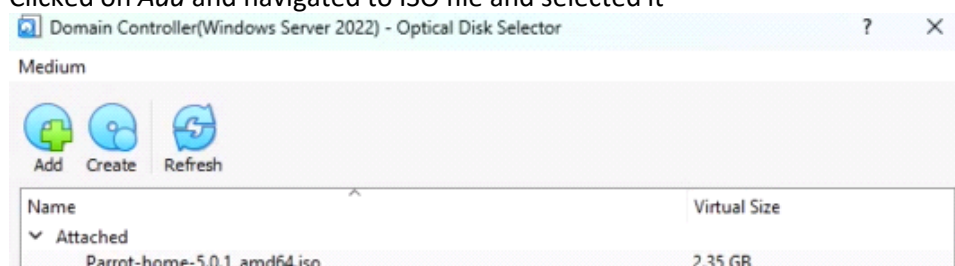
7. Navigated to *Network / Adapter 2* and enabled Adapter 2
a. Selected the *Internal Network* option and clicked **OK**

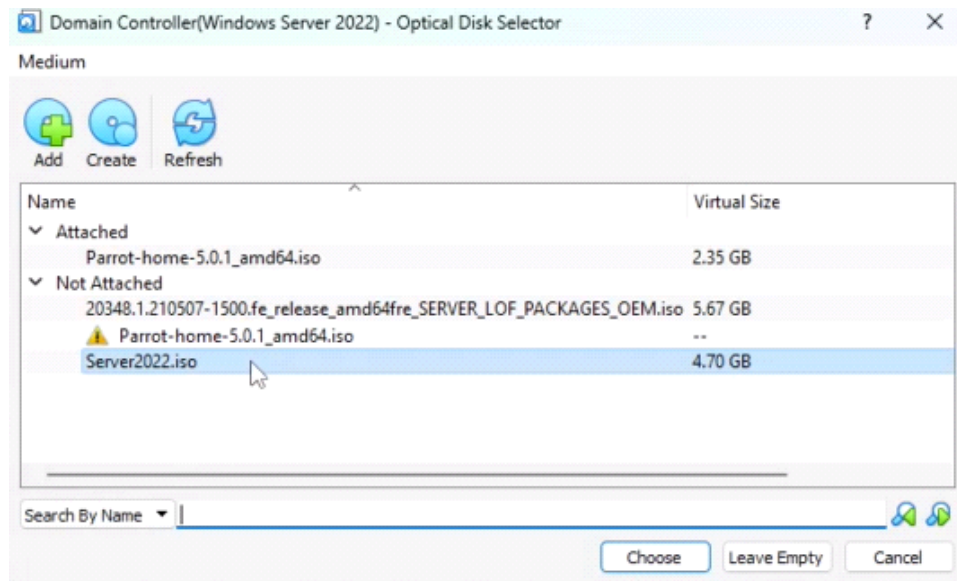


8. Navigated to *Storage / Controller: SATA* and clicked on *Optional Disk Selector* plus sign



9. Clicked on *Add* and navigated to ISO file and selected it





10. Double-clicked VM to turn it on, VM has successfully been created