Lab Report

Your Performance

Your Score: 3 of 3 (100%) Pass Status: Pass
Elapsed Time: 3 minutes 28 seconds Required Score: 100%

Task Summary

Actions you were required to perform:

- ✓ Initialize both disks using MBR
- ✓ Create the Data volumeHide Details
  - Create the Data volume
  - Use 300000 MB for the volume
  - Use space only on Disk 1
  - Assign drive letter E:
  - Format the volume using NTFS
- ✓ Create the Art volumeHide Details
  - Create the Art volume
  - Use space on Disk 1 and Disk 2
  - Use 300000 MB on Disk 1 and 600000 MB on Disk 2
  - Assign drive letter S:
  - Format the volume using NTFS

Explanation

In this lab, your task is to complete the following:

- Install two SATA hard drives in the computer.
- Initialize both disks using the MBR partition style.
- Create a volume on Disk 1 with the following properties:
  - Volume size: **300000 MB**
  - Drive letter: **E:**
  - File system: **NTFS**
  - Volume label: **Data**
- Create a second volume using the remaining space on Disk 1 and all of the space on Disk 2 as follows:
  - Drive letter: **S:**
  - File system: **NTFS**
  - Volume label: **Art**

Complete this lab as follows:

1. Install two SATA hard drives as follows:
   a. Above the computer, select **Motherboard** to switch to the motherboard view.
   b. Click **Yes** to power off the system.
   c. On the Shelf, expand **Hard Drives**.
   d. Drag a **hard drive** to a free 3.5" drive bay.
   e. Drag a second **hard drive** to a free 3.5" drive bay.
   f. On the Shelf, expand **Cables**.
   g. Select a **SATA cable**.
   h. Under Selected Component, drag a ***connector*** to the hard drive.

i. Under Selected Component, drag the other ***connector*** to the motherboard SATA connector to connect the hard drive to the motherboard.
j. Repeat step 1g-1i to connect the second hard drive to the motherboard.
k. Under Partial Connections above the computer, select the **power supply**.
l. Under Selected Component, drag a **SATA power connector** to a hard drive to provide power to the hard drive.
m. Under Selected Component, drag a **SATA power connector** to the second hard drive.

2. Initialize both disks using the MBR partition style as follows:
   a. Above the computer, select **Front** to switch to the front view of the computer.
   b. Click the power button on the computer to turn the computer on.
   c. After Windows loads, right-click **Start** and select **Disk Management**.
   d. Make sure **MBR** is selected as the partition style.
   e. Select **OK** to initialize all disks.
   f. Maximize the Disk Management window for easier viewing.
3. Create the Data volume as follows:
   a. Right-click the **unallocated space** on Disk 1 and select **New Simple Volume**.
   b. Click **Next**.
   c. In the Simple volume size in MB field, enter **300000 MB**; then click **Next**.
   d. From the Assign the following drive letter drop-down list, select **E**.
   e. Click **Next**.
   f. Make sure **NTFS** is selected as the file system.
   g. In the Volume label, enter **Data**.
   h. Click **Next**.
   i. Click **Finish**.
4. Create the Art volume as follows:
   a. Rght-click **unallocated space** on one of the disks and select **New Spanned Volume**.
   b. Click **Next**.
   c. Under Available, select the ***disk***.
   d. Select **Add**.
   e. Click **Next**.
   f. From the Assign the following drive letter drop-down list, select **S**.
   g. Click **Next**.
   h. Make sure **NTFS** is selected as the file system.
   i. In the Volume label, enter **Art**.
   j. Click **Next**.
   k. Click **Finish**.
   l. Click **Yes** to upgrade the disks to dynamic disks because spanned volumes can only be created on dynamic disks.