Lab Report

Your Performance

Your Score: 1 of 2 (50%)
Pass Status: Not Passed
Elapsed Time: 2 minutes 47 seconds
Required Score: 100%

Task Summary

- ✓ Mirror the C: drive
- ✗ Create a RAID 5 volume Hide Details
  - Create the Data volume
  - Create the volume as a RAID 5 volume
  - Create a 2 TB volume
  - Assign drive letter R to the new drive
  - Format the volume with NTFS

Explanation

In this lab, you perform the following tasks:

- On Disk 1, create a mirrored volume of the System (C:) volume to add fault tolerance.
- Using Disk 2, Disk 3, and Disk 4, create a RAID 5 volume that provides both fault tolerance and improved performance using the following settings:
  - Volume size: **2 TB**
  - Drive letter: **R**
  - Format: **NTFS**
  - Volume label: **Data**

Complete this lab as follows:

1. Mirror an existing volume as follows:
   a. Right-click **Start** and select **Disk Management**.
   b. Click **OK** to initialize new disks.
   c. Maximize the Disk Management window to better view the volumes.
   d. Right-click the **System (C:)** volume and select **Add Mirror**.
   e. Select **Disk 1** that will be used for the mirrored copy.
   f. Select **Add Mirror**.
   g. Click **Yes** to convert the basic disk to a dynamic disk.
2. Create a RAID 5 volume as follows:
   a. In Disk Management, right-click a ***disk*** with free space and select **New RAID 5 Volume**.
   b. Click **Next**.
   c. Under Available, holding down the **Ctrl** key, select **Disk 3** and **Disk 4** to be part of the new volume with Disk 2.
   d. Select **Add**.
   e. Click **Next**.
   f. From the drive letter drop-down dialog, select **R**; then click **Next**.
   g. Make sure that **NTFS** is selected as the file system.
   h. In the Volume label field, enter **Data**.
   i. Select **Next**.
   j. Click **Finish** to create the volume.
   k. Click **Yes** to convert the basic disk to a dynamic disk.