

12.7.6 Configure Fault-Tolerant Volumes

Your Performance

Your Score: 0 of 2 (0%)

Pass Status: **Not Passed**

Elapsed Time: 27 minutes 8 seconds

Required Score: 100%

Task Summary

Required Actions

- 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

Complete this lab as follows:

1. Mirror an existing volume as follows:
 - a. Right-click **Start** and then select **Disk Management**.
 - b. Select **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**. This is the disk that will be used for the mirrored copy.
 - f. Select **Add Mirror**.
 - g. Select **Yes** to convert the basic disk to a dynamic disk.
2. Create a RAID 5 volume as follows:
 - a. From Disk Management, right-click a **Disk 2** with free space and select **New RAID 5 Volume**.
 - b. Select **Next**.
 - c. Under Available, hold down the **Ctrl** key and then select **Disk 3** and **Disk 4** to be part of the new volume with **Disk 2**.
 - d. Select **Add**.
 - e. Select **Next**.
 - f. Using the *Assign the following drive letter* drop-down, select **R** and then click **Next**.
 - g. Make sure that **NTFS** is selected as the file system.
 - h. Change the Volume label field to **Data** and then select **Next**.
 - i. Select **Finish** to create the volume.
 - j. Select **Yes** to convert the basic disk to a dynamic disk.