

## 12.7.6 Configure Fault-Tolerant Volumes

---

### Your Performance

Your Score: 0 of 2 (0%)

Elapsed Time: 27 minutes 8 seconds






Pass Status: **Not Passed**

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.

---

Copyright © 2022 TestOut Corporation All rights reserved.