

STUDENT ACTIVITY 6.2: UNDERSTANDING ORGANIZATIONAL UNITS

MTA Course: 98-365 Windows Server® Administration Fundamentals

Topic: Understand Business Continuity

File name: WinServerFund_SA_6.2

Lesson Objective

6.2: *This objective may include but is not limited to:* backup and restore; disaster recovery; clustering; Active Directory restore; folder redirection; data redundancy; uninterruptible power supply (UPS)

Resources, software, and additional files needed for this lesson

- Windows® Server 2008® R2 with a secondary volume/drive

Directions to the student

Complete the following activity. Have your instructor verify upon completion.

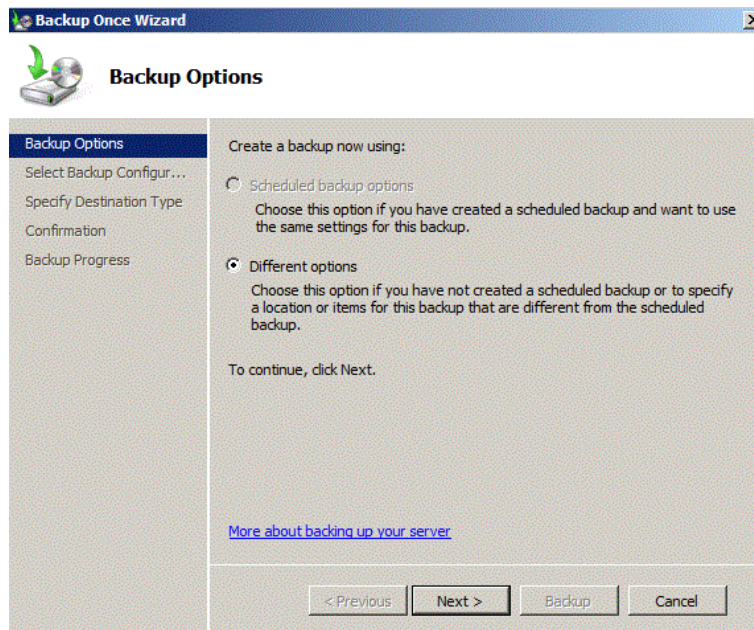
Content

Install Windows Server Backup.

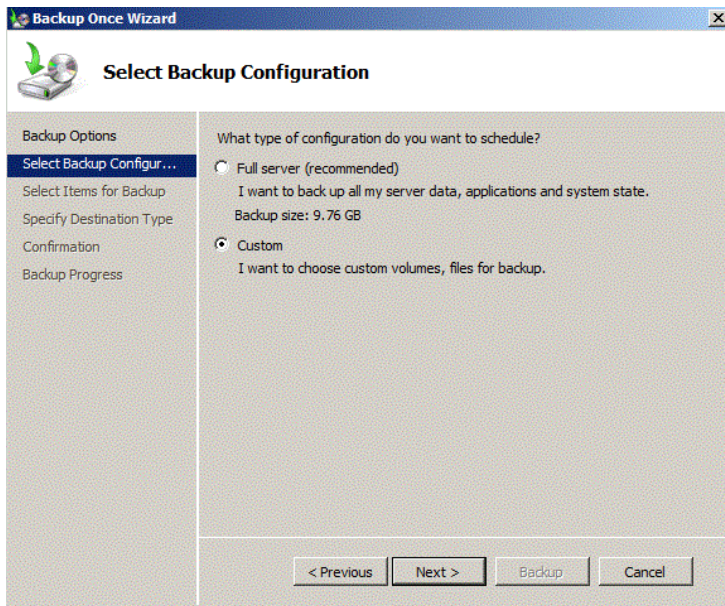
1. Authenticate to your Windows Server 2008 R2 as Administrator.
2. Click **Start→All Programs→Administrative Tools→click Server Manager.**
3. Click on **Features,**
4. In the Features Summary Section, click **Add Features** on the right.
5. Expand Windows Server Backup Features and select **Windows Server Backup** and **Command-line Tools.**
6. Click **Next** and then click **Install.**
7. When it is finished installing, click **Close.**
8. Close Server Manager.

Create a One-Time Backup

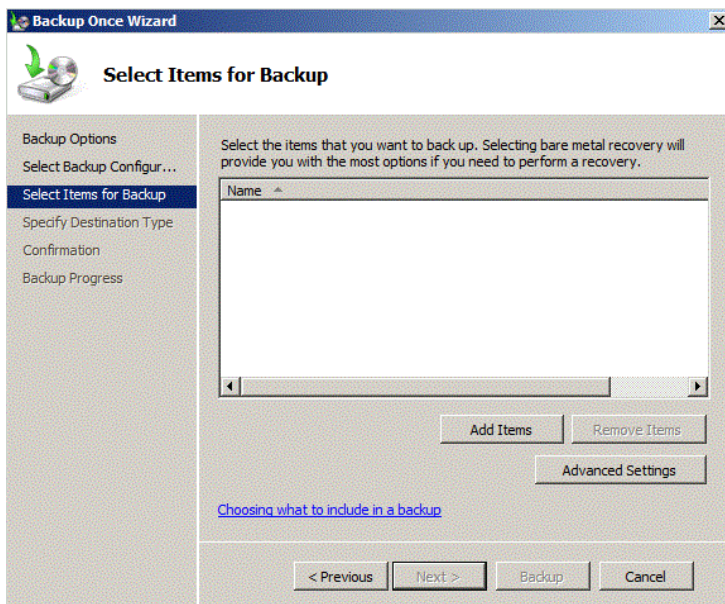
1. Open Notepad.exe by clicking **Start**→Search programs and files and type **notepad.exe** and press **Enter**.
2. Type **Hello World!!** in Notepad and click **File**→**Save** and save the file to local disk c:\ with the file name of **helloworld.txt**, i.e., **C:\helloworld.txt** and click **Save**.
3. Close Notepad.
4. Open Windows Server Backup by clicking **Start**→**All Programs**→**Administrative Tools** and click **Windows Server Backup**.
5. Click **Backup Once...** on the right side.
6. Select **Different options** (see below) and click **Next**.



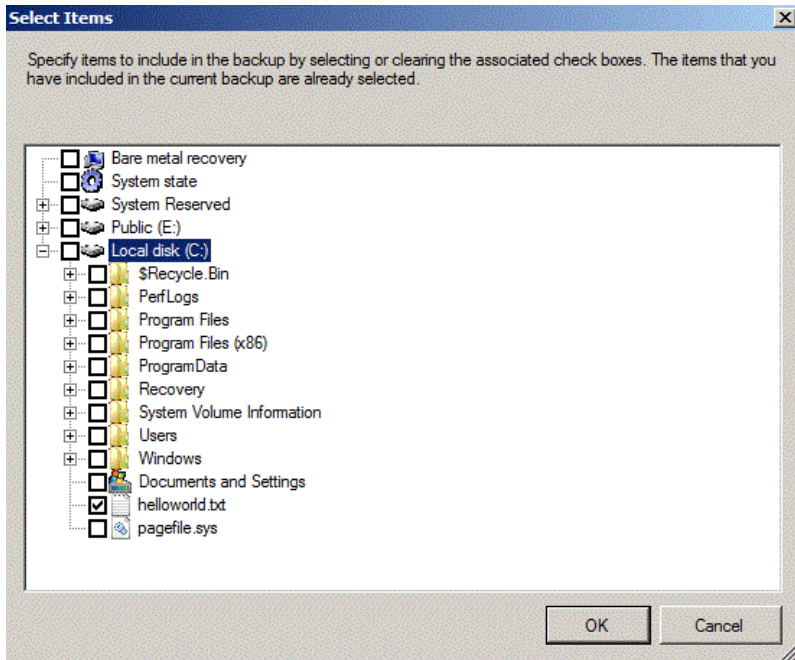
7. In the Select Backup Configuration screen, select **Custom** (see below) and click **Next**.



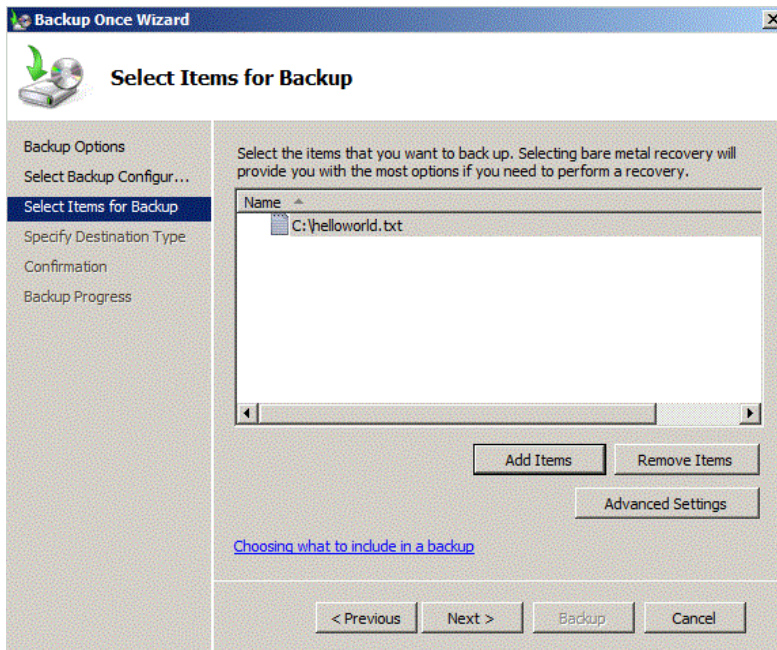
8. In the Select Items for Backup screen, click **Add Items** (see below).



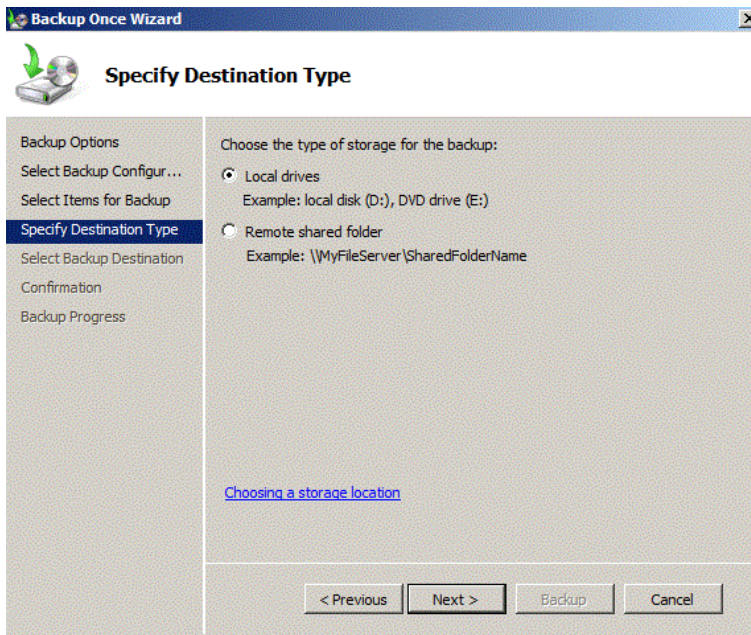
9. Expand Local disk (C:) and check the box for **helloworld.txt** (see below) and click **OK**.



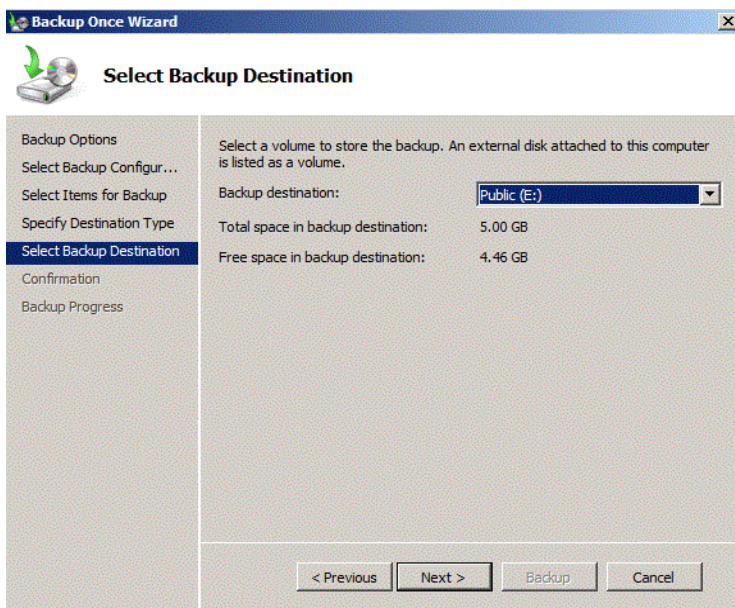
10. Once you have selected the file and returned to the Select Items for Backup screen (see below), click **Next**.



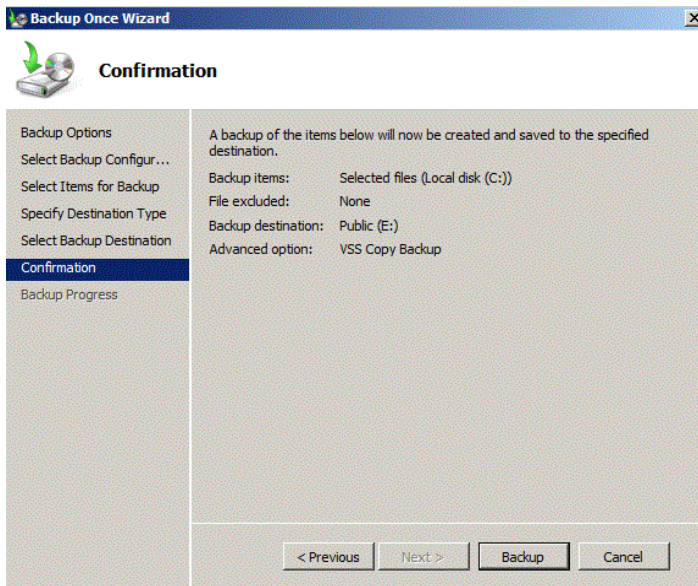
11. In the Specify Destination Type screen, choose **Local drives** (see below) and click **Next**.



12. In the Select Backup Destination screen, choose your secondary drive (volume) (see below) and click **Next**.

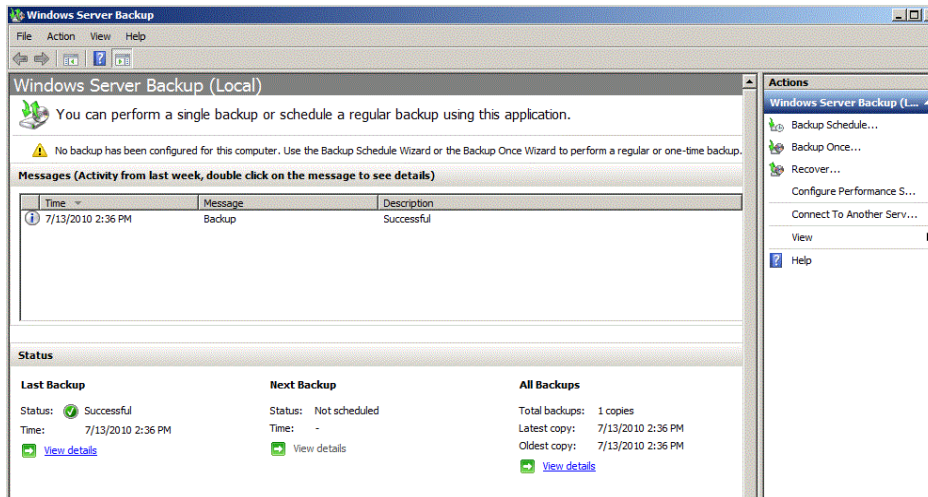


13. Review the Confirmation screen (see below) and click **Backup**.

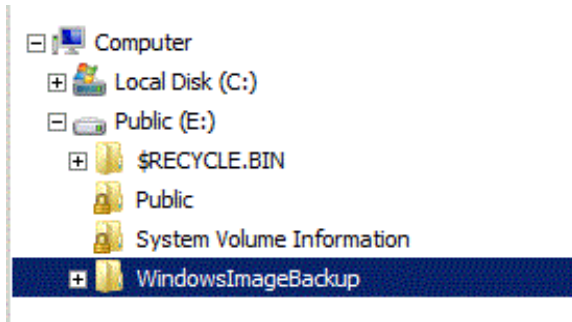


14. Click **Close** after the backup completes.

15. Review the Status of the previous backup in Windows Server Backup (see below).

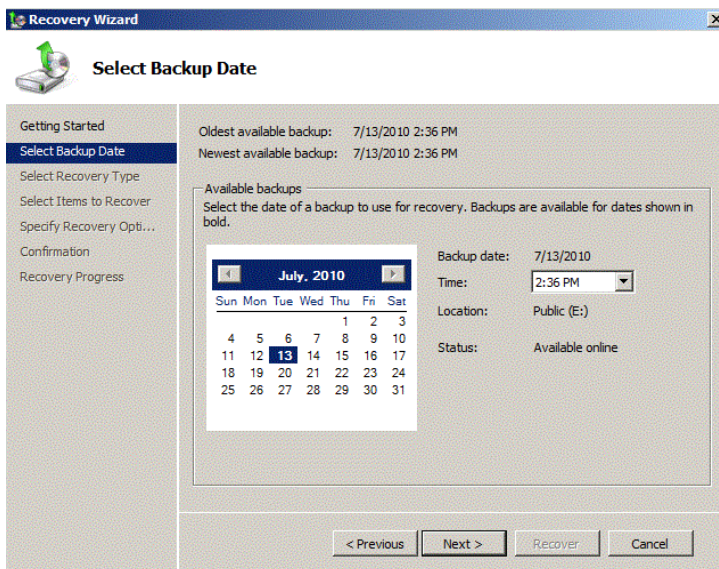


16. Browse to your secondary drive and locate the folder WindowsImageBackup that Windows Server Backup created (see below).

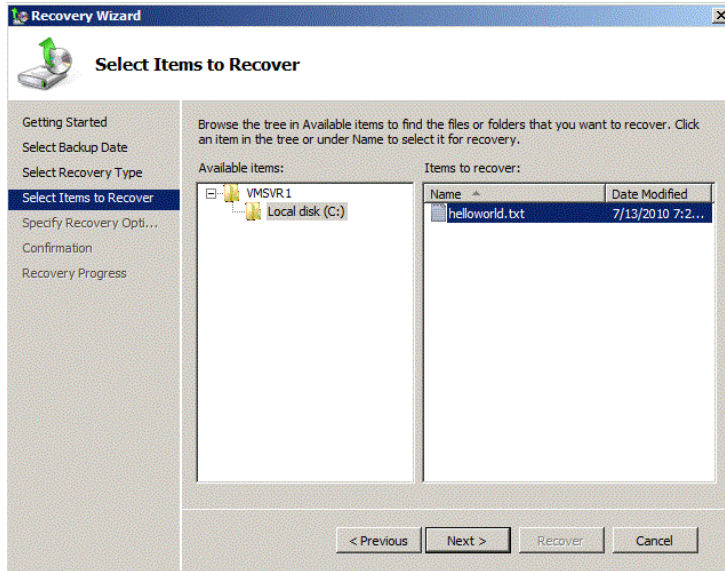


Recovering a File

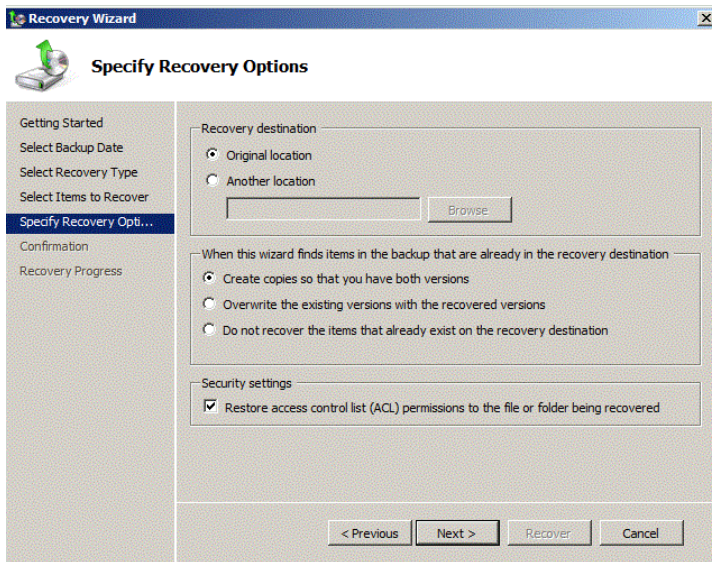
1. Browse to your Local Disk (C:) and delete the file **helloworld.txt**.
2. Open Windows Server Backup by clicking **Start→All Programs→Administrative Tools** and click **Windows Server Backup**.
3. Click **Recover** on the right side.
4. In the Getting Started screen, click **This server (your server name)** and click **Next**.
5. Select the backup date and time (it should already be selected as there is only a single backup on the server) and click **Next** (see below).



6. In the Select Recovery Type screen, select **Files and folders** (see below) and click **Next**.
7. In the Select Items to Recover screen (see below), expand your server name, click Local disk (C:), select **helloworld.txt** and click **Next**.

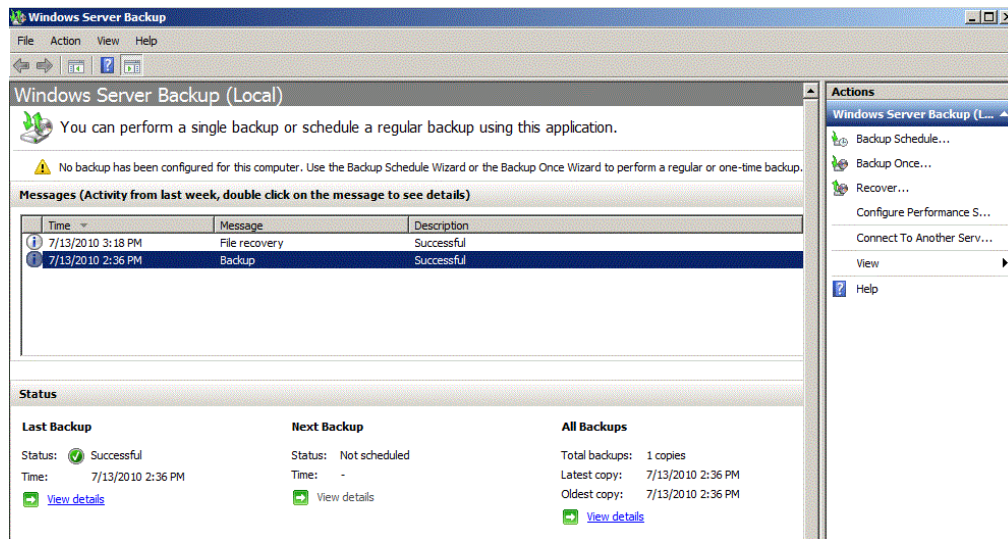


8. Select Original location, Create copies so that you have both versions (see below) and click **Next**.



9. In the Confirmation screen, click **Recover** and **Close** when the recovery completes.

10. Review the Status of the previous recovery in Windows Server Backup (see below).



11. Browse to your Local Disk (C:) and verify the file **helloworld.txt** is recovered.
12. Have your instructor verify your backup and recovery upon completion.