

Integrating NetBackup Storage Migrator & InveStore v4 together

With the addition of support for the Veritas NetBackup Storage Migrator system within the InveStore v4 product line, questions have arisen on what is the proper method to setup and configure the system.

The following are the steps necessary to properly complete the setup of your server system that is using the Veritas NetBackup Storage Migrator with InveStore v4 as the backend storage target.

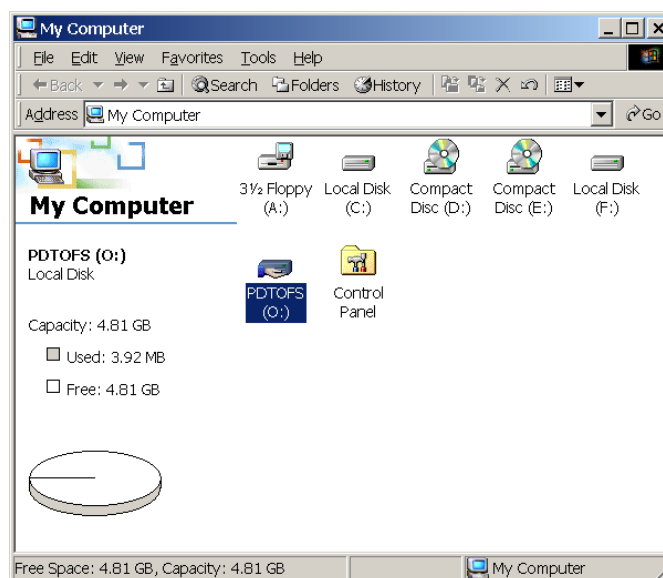
Install InveStore v4

- Install InveStore v4 per normal installation instructions found in the Quick Start manual.
- Make sure you have formatted your required Volume Sets as needed, assign the drive letter (e.g. "O") to access InveStore through, and executed basic Write and Read testing verifying the functionality of the InveStore sub-system.
- Once this has completed, close out the InveStore v4 MMC console by selecting the *Console* menu in the upper left corner and then *Exit*.

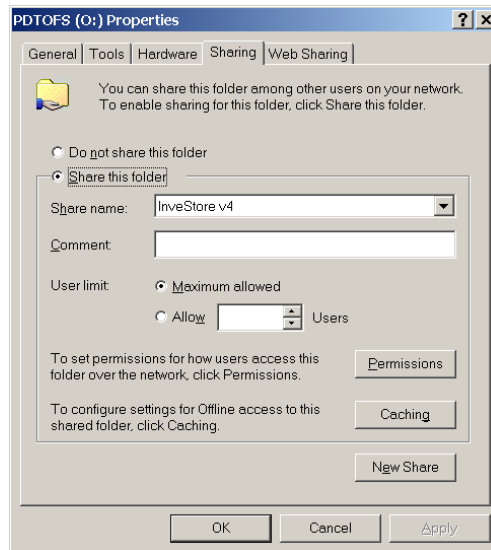
Note: The InveStore v4 sub-system will still be operational.

Create Network Share

- On your Windows server, open *My Computer* and right-click on the attached drive letter displayed for the InveStore shared resource (E.g. "O").



- Select **Sharing** and create a share name for this resource. (E.g. “**InveStorev4**”)

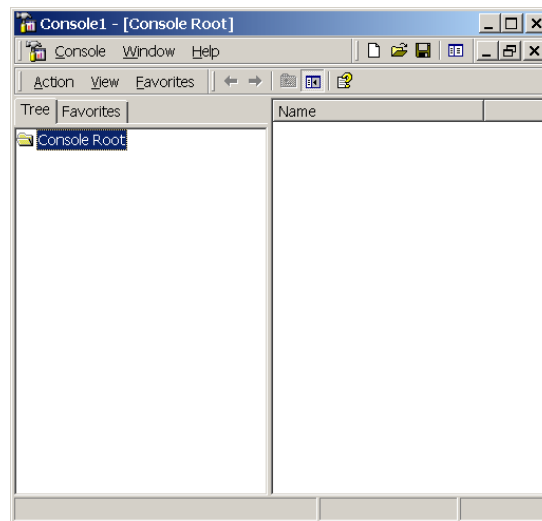


- Select **Ok** to enable share.

MMC Snap-In

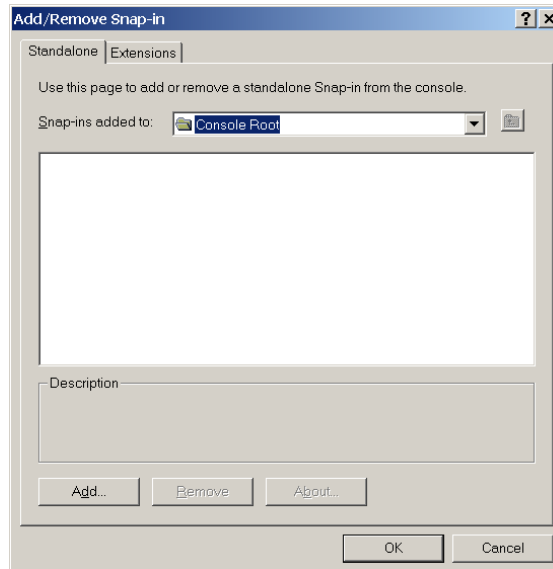
Note: this assumes that you have already installed Veritas Storage Migrator per the documented procedures for that program.

- From the Windows **Start** menu, select Run. Type in the line **MMC** and select **OK**. A standard MMC **Console1** screen will be displayed.

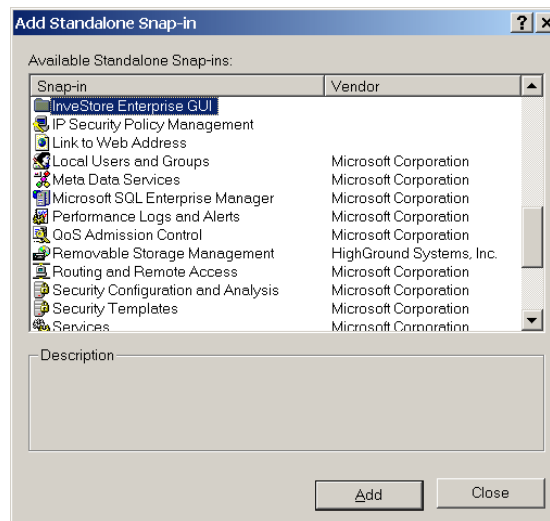


- Select the **Console** menu and then **Add/Remove Snap-in**.

- From the *Add/Remove Snap-in* screen, select the *Add* button in the lower left of the screen.

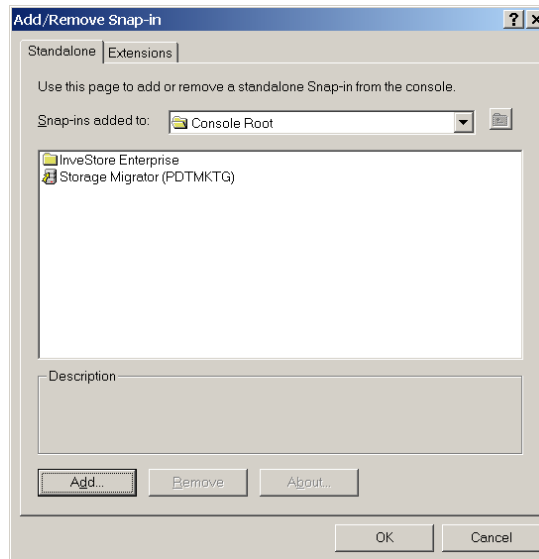


- Locate and hi-light the *InveStore Enterprise GUI* snap-in, and then press the *Add* button below.

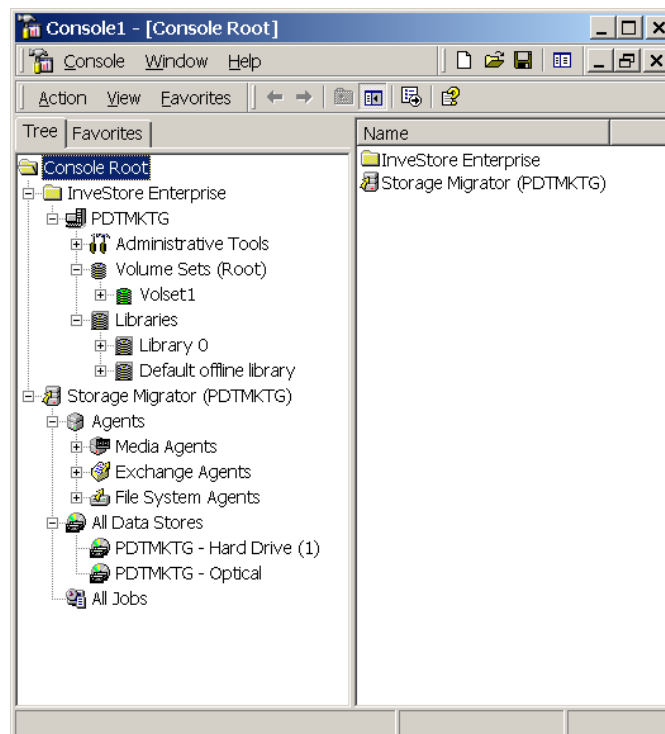


- From the same screen locate and hi-light the *Storage Migrator* snap-in and press the *Add* button below.
- Close this *Add* screen. You will now see both the InveStore and the Storage Migrator snap-ins showing in the primary *Add/Remove Snap-in* screen.

- Select OK to start both MMC systems.

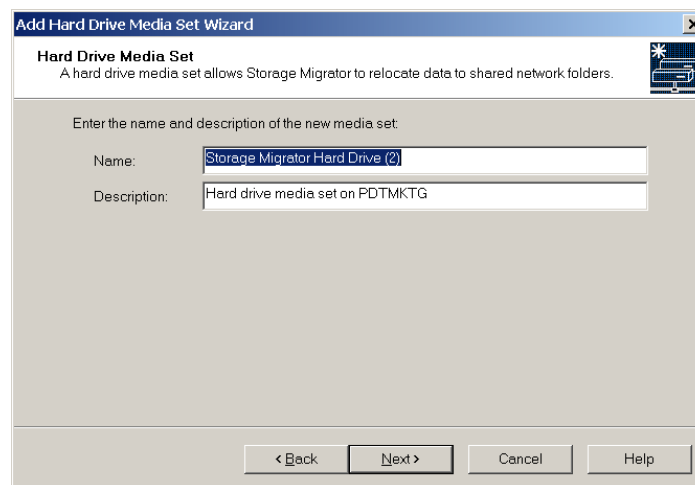


- A new *Console1* is displayed showing the nodes of both programs in that tree.

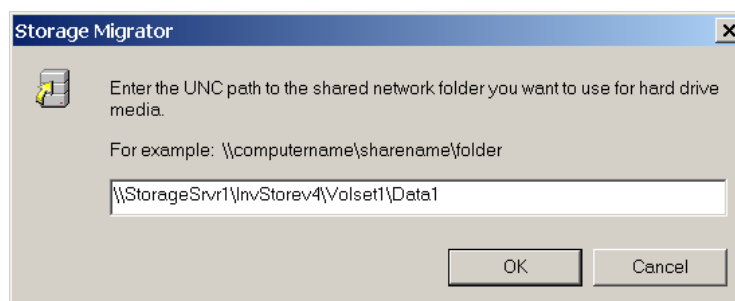


Creating a Hard drive Media Agent:

- Expand the *Agents* node and then *Media Agents* to reveal agents recognized by the VSM server.
- Right-click *Media Sets* and choose *Add Hard Drive Media Set*.
- Follow the prompting of this wizard.
- Input a unique name for the *Media Set* you are creating and select *Next*.

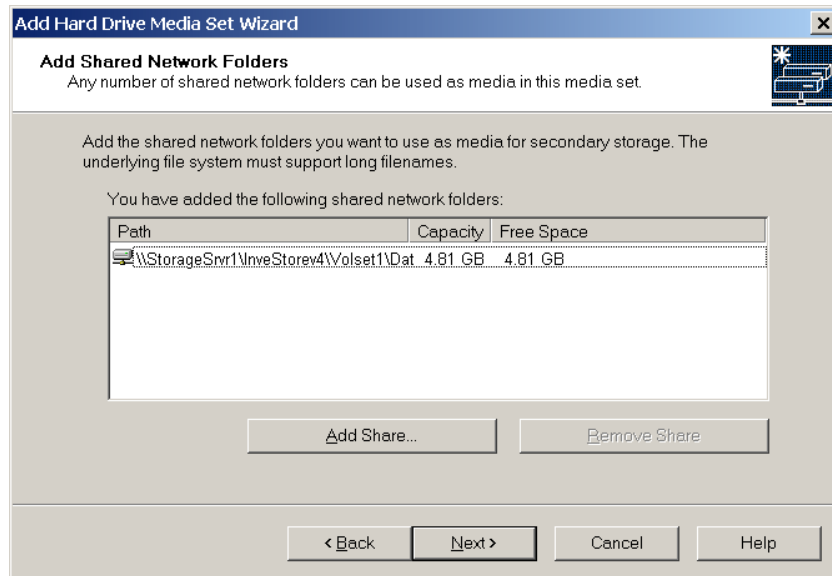


- Specify the full path for the shared InveStore resource using UNC naming conventions (E.g. [\\Servername\InveStorev4\Volset1\Data1](#)).



- Click *Ok*.

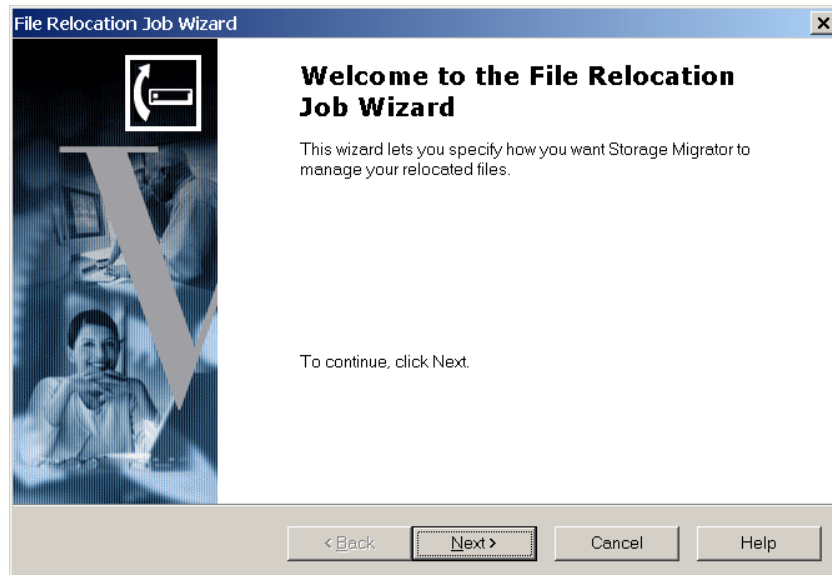
- On the *Add Shared Network Folders* screen, click *Next*.



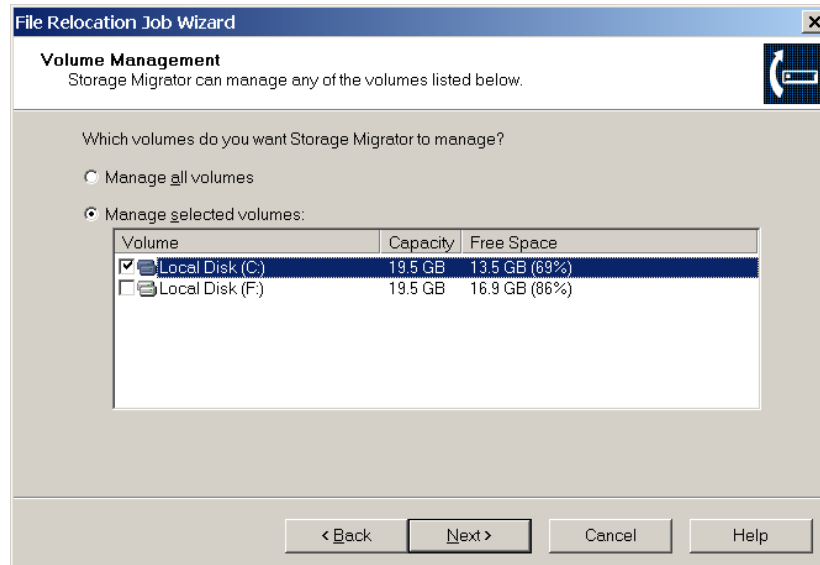
- In the final summarizing wizard screen, select *Finish*.

Setting up the File Relocation Job:

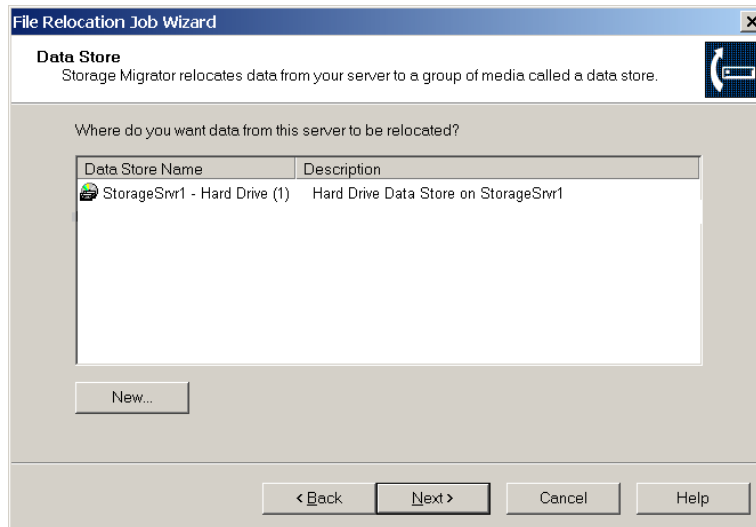
- From the **Agents** node within the main console, select **File System Agents** and right click on the **Jobs** option.
- Select **New** and then **File Relocation Job**. This will open a wizard that will step you through this process. Select **Next**.



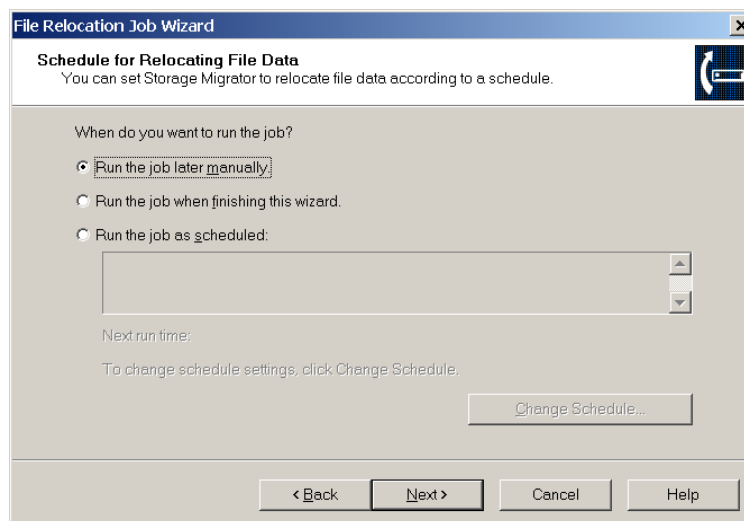
- From the **Volume Management** screen, select **Manage selected volumes** and choose the desired source target of the data to be relocated in this job. Select **Next**.



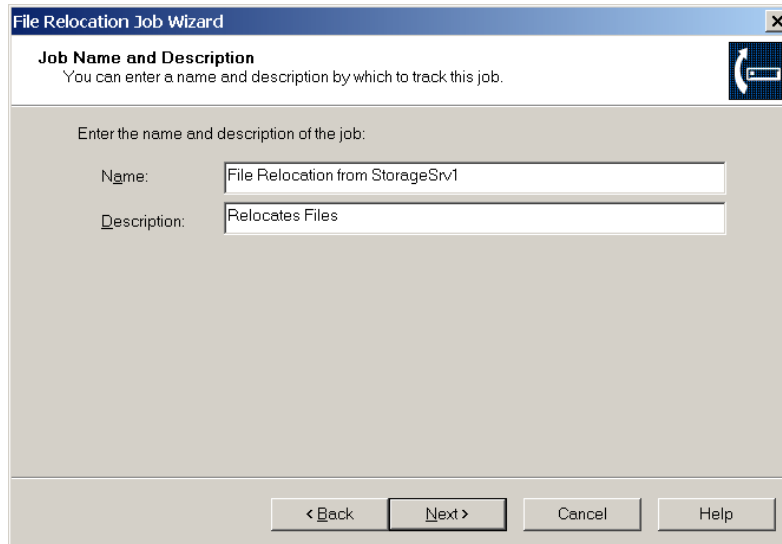
- The **Data Store** screen provides you with the option of selecting the storage target. You will see listed in this screen a “**Hard Drive data store on...**” for the Network share you created earlier. Hi-light this and select **Next**.



- The next three screens provide you with the criteria options that Storage Manager will use to execute the migration. Make your selections for these screens based on your migration needs and then select **Next** to move to the next screen in the wizard.
- In the **Schedule for Relocating File Data** screen, choose **Run the job later manually** option for now. Select **Next**.

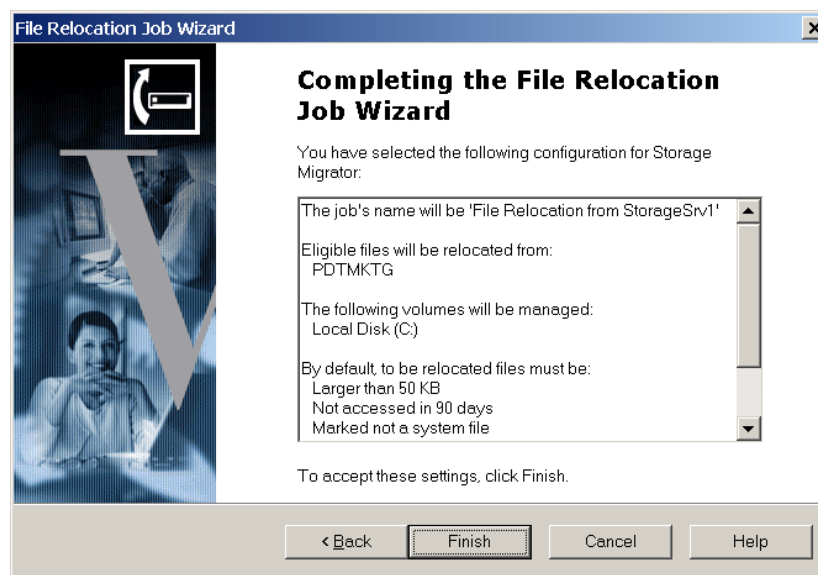


- Enter the name and description of the job in the *Job Name and Descriptions* screen. Select *Next*.



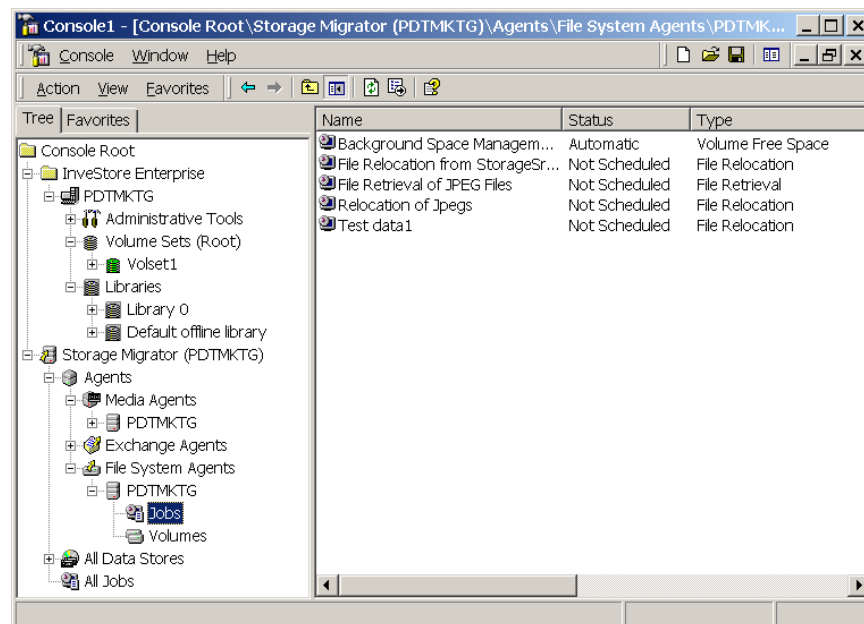
The screenshot shows a window titled "File Relocation Job Wizard" with a sub-header "Job Name and Description". Below the sub-header is the instruction: "You can enter a name and description by which to track this job." There are two text input fields: "Name:" with the value "File Relocation from StorageSrv1" and "Description:" with the value "Relocates Files". At the bottom of the window are four buttons: "< Back", "Next >", "Cancel", and "Help".

- Then select *Finish*.



The screenshot shows a window titled "File Relocation Job Wizard" with a sub-header "Completing the File Relocation Job Wizard". On the left is a vertical image strip with a large "V" overlay. The main text reads: "You have selected the following configuration for Storage Migrator:". Below this is a scrollable list box containing the following text: "The job's name will be 'File Relocation from StorageSrv1'", "Eligible files will be relocated from: PDTMKTG", "The following volumes will be managed: Local Disk (C)", and "By default, to be relocated files must be: Larger than 50 KB, Not accessed in 90 days, Marked not a system file". At the bottom, it says "To accept these settings, click Finish." and there are four buttons: "< Back", "Finish", "Cancel", and "Help".

- From the **All Jobs** node in the main MMC console you will see displayed your newly created job in the screen to the right.



- Right click on your newly created job and select **Properties** to display the various scheduling options. You may make changes to the automatic scheduling of this job from within this screen.

Note: You may create additional **Data Stores** and **Relocation Jobs** for separate data sets by repeating this same process again.