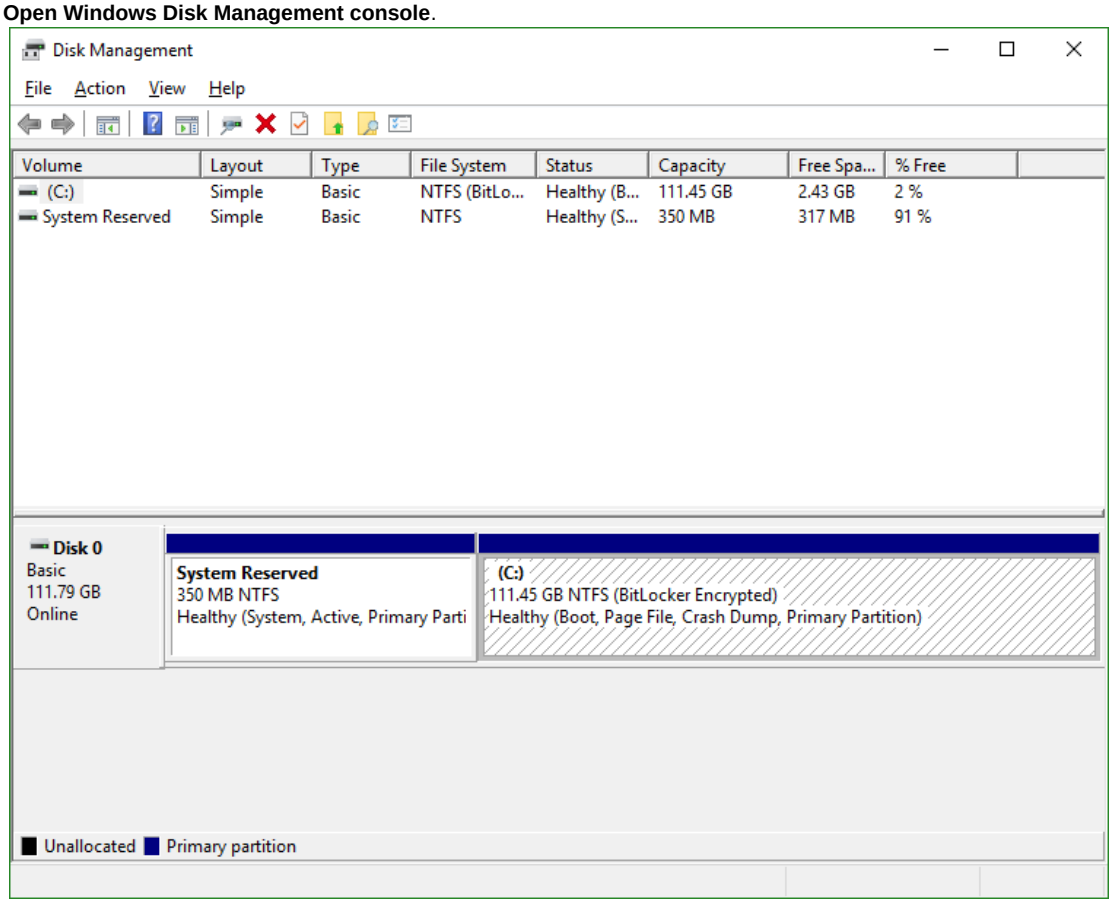
Restore to VHD

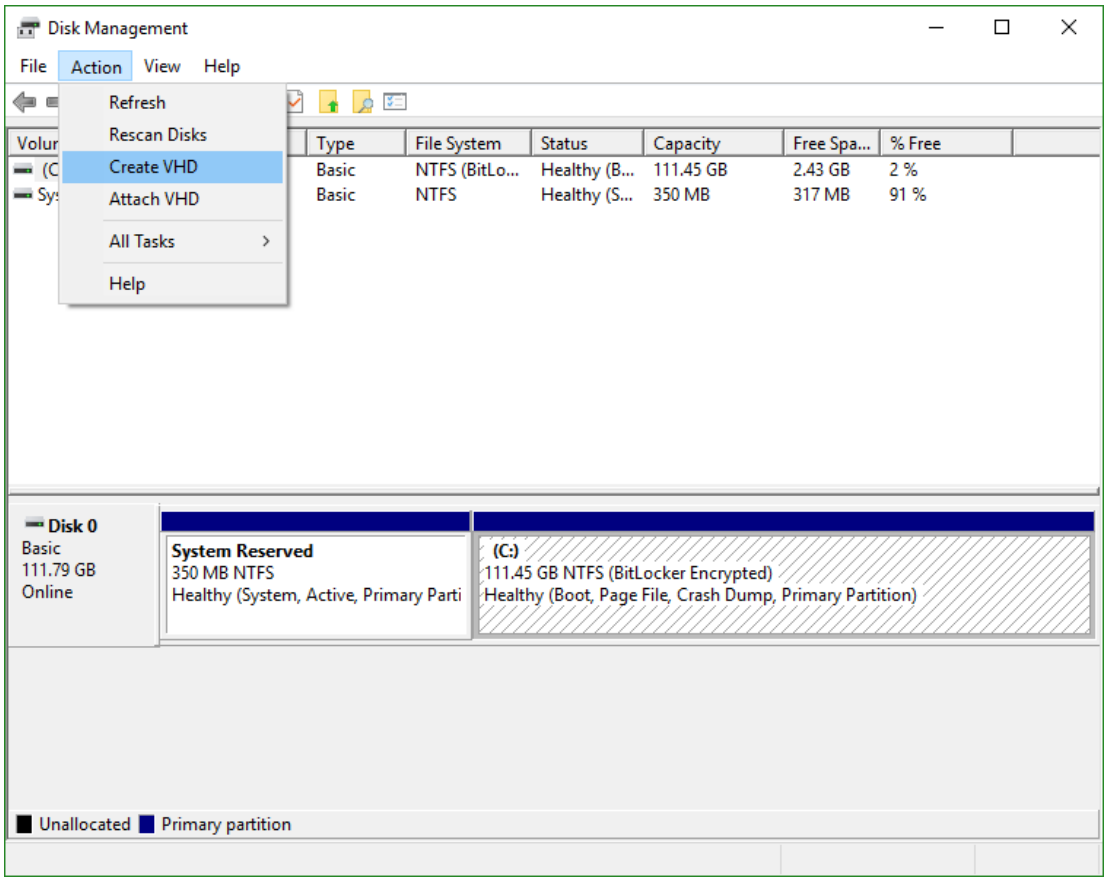
How to create a VHD and restore a backup to the VHD using Macrium Reflect.

This article applies to Windows 7 and higher versions on Windows.

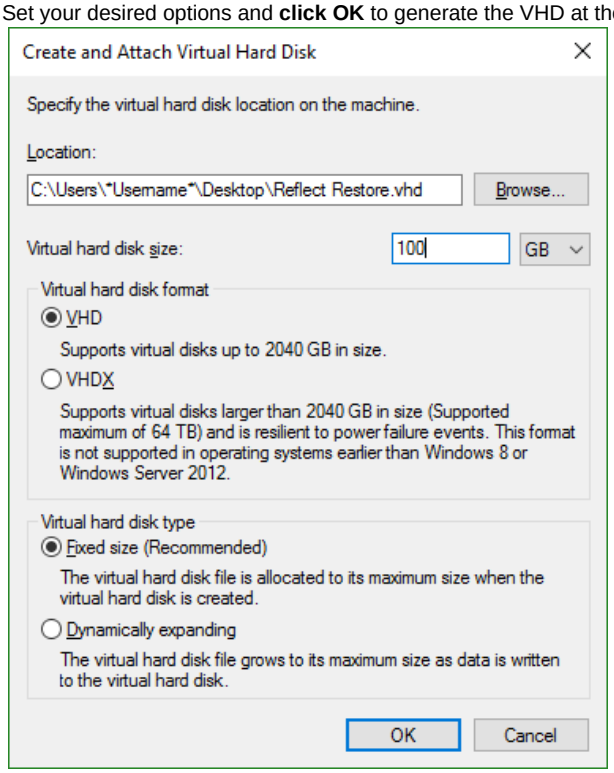
1. This section will take you through the creation of a VHD using the Windows Disk Management console and the mounting process.
   a. **Open Windows Disk Management console**.



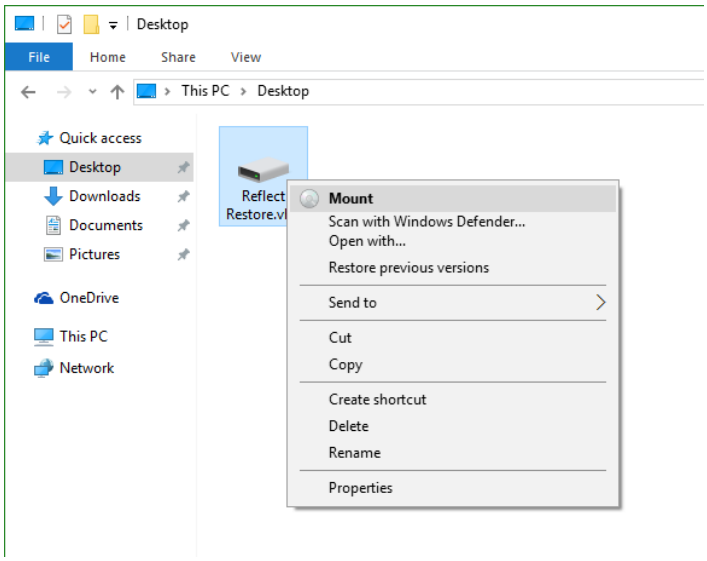
   b. **Click on Action** followed by **Create VHD**.



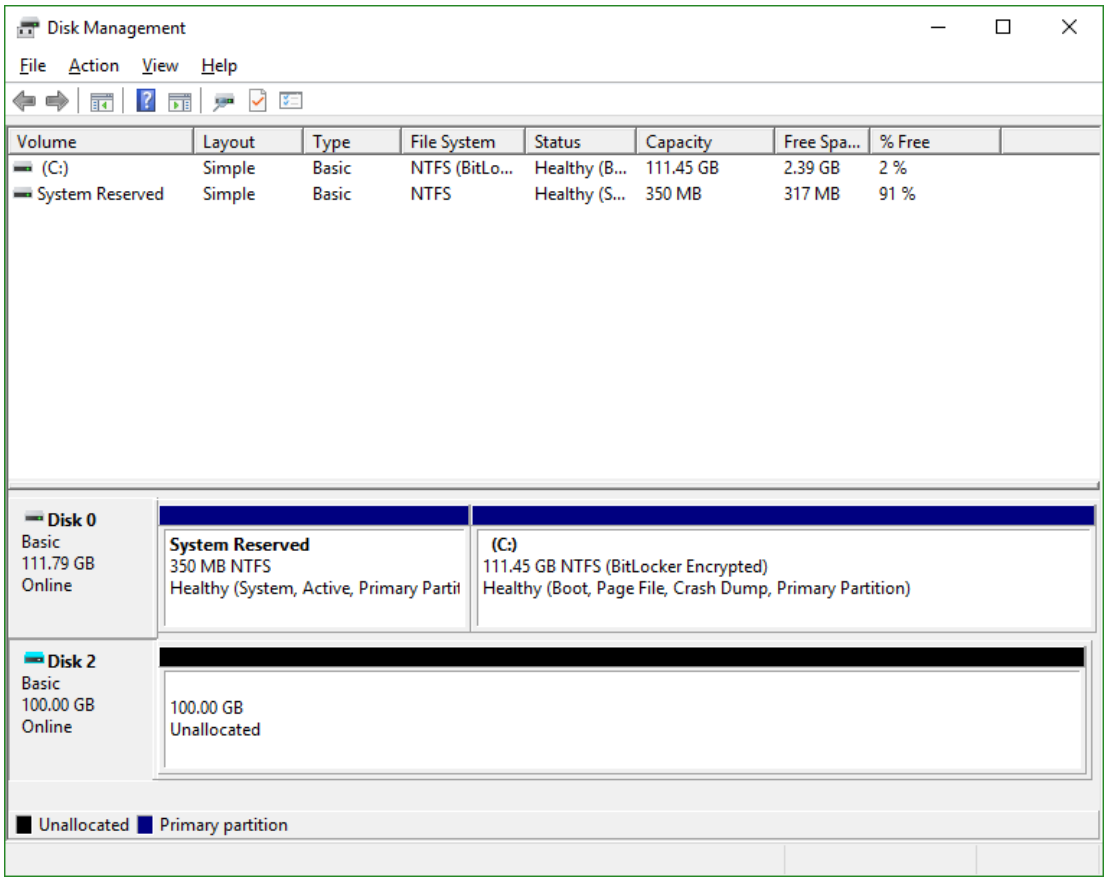
c. Set your desired options and **click OK** to generate the VHD at the set location.

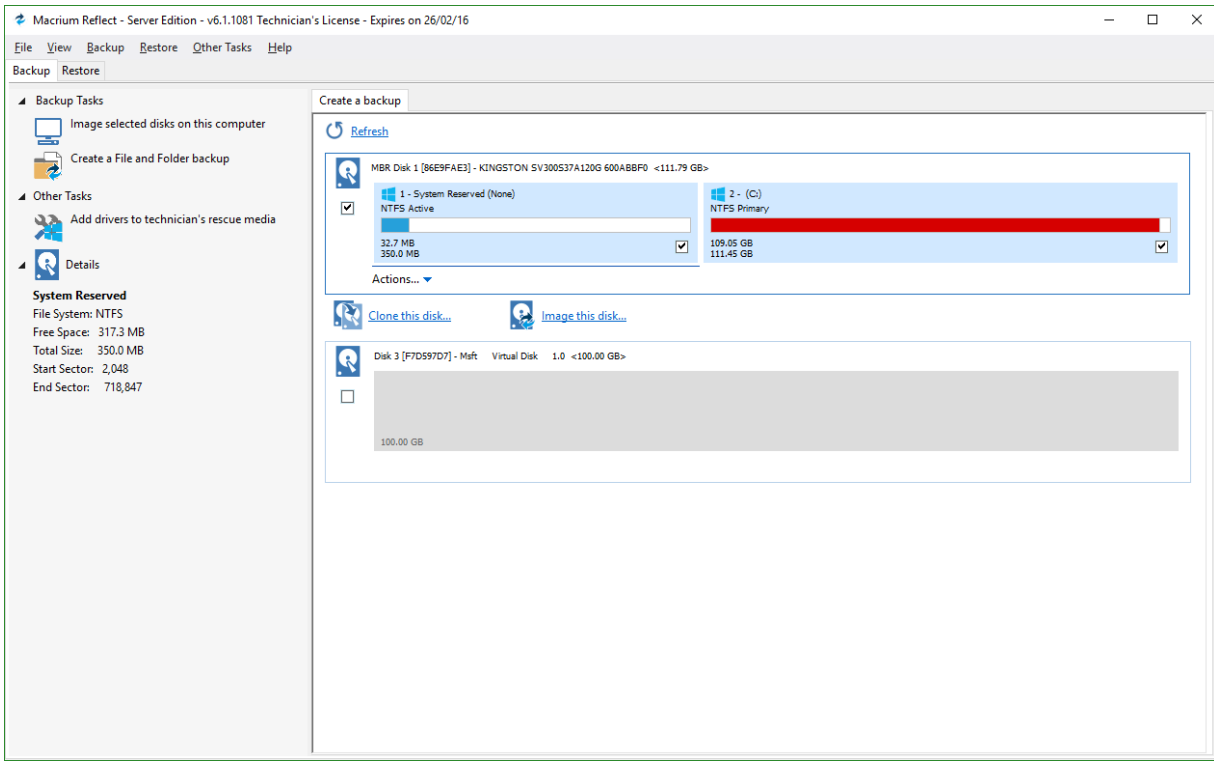


d. Locate the VHD in Windows Explorer and mount it by right clicking the icon and **selecting the Mount** option.



e. Once Mounted, **Macrium Reflect Backup** tab and **Disk Management console** will now show the mounted VHD.





If the **VHD** is not visible in Reflect after it has been mounted, please click the Refresh button.

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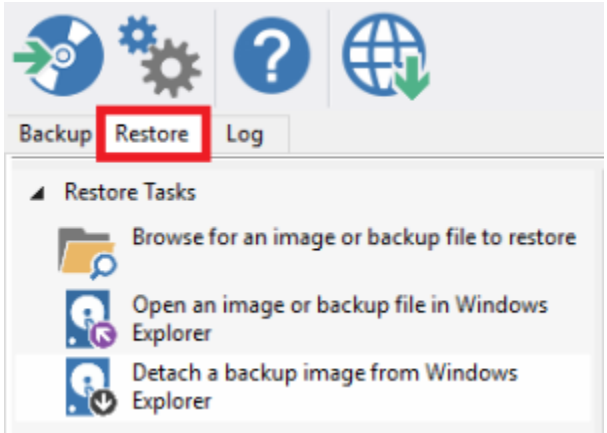
2. This section will take you through the restore process of your image to the VHD.

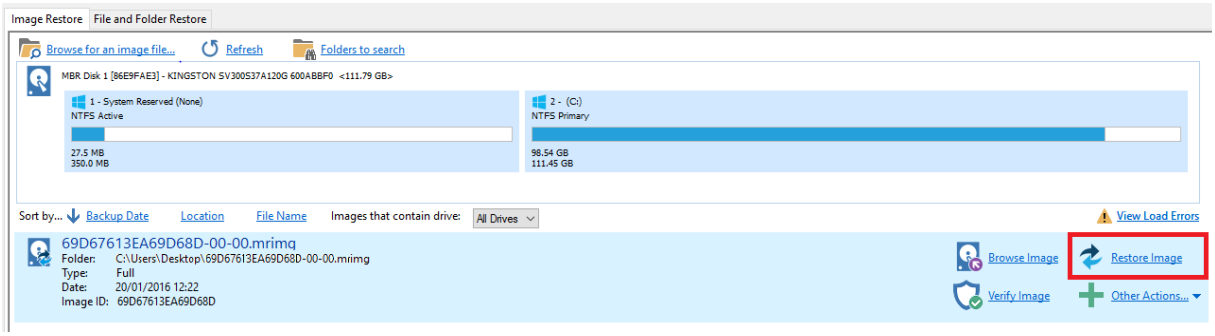
   Before you begin: You must have a backup image of the disk ready to restore.

   a. On the main screen, **select Restore**.



   Backup images available to be restored are shown in the main pane.

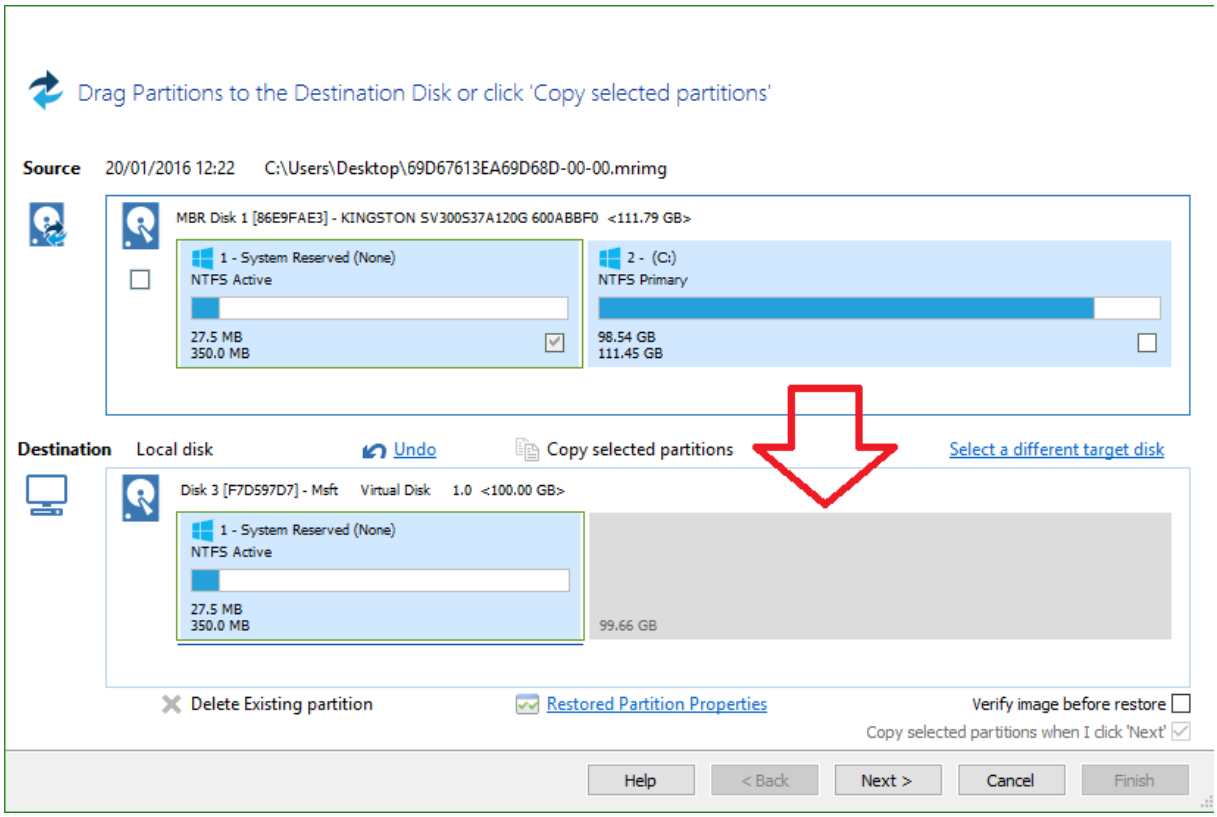
   b. Select the image you wish to restore and **click Restore Image**.



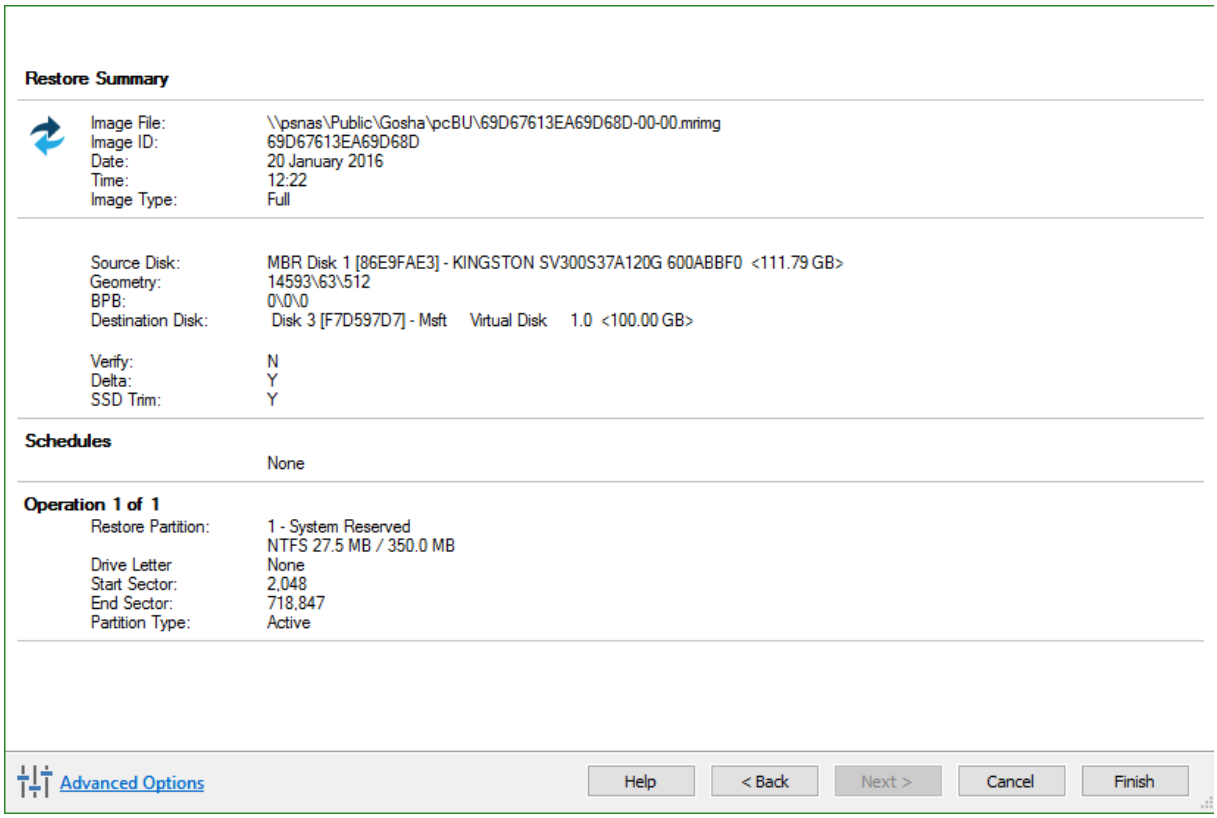
c. The next dialog gives you the opportunity to modify the destination properties.

> **Moving and Resizing the restored partition**
> By default, partitions restore to their original locations if you **click 'Copy selected partitions'**. However, to drag partitions to different locations and resize them to use the available space. Simply drag the source partition to any available partition or free space on the target disk. You can also delete partitions on the target disk to make space. For more destination options and further information, see Modifying restored partition properties.

Drag and drop the disk partitions from the **Source** image to the **Destination VHD**.



d. Click **Next** to restore the image onto the VHD.



e. A summary screen is displayed confirming the choices that have been made, click **Finish.**

Note: You may need to run Macrium ReDeploy to enable a restored system image to boot into the Hyper-V VM. Please see Re-deploying to new hardware for more information.