Image Recovery from a network drive:

THIS ONLY WORKS FOR WINDOWS 7 PROFESSIONAL or ULTIMATE

Before you begin, you may need to setup a user account on the machine that stores the image that you will restore you computer from:

 To establish such an account:

 On the computer that you have the image on, click on START on the taskbar and enter
 compmgmt.msc and you should get the computer management window.

 Click on "Local Users and Groups" and click on the User Folder. Right click and select New User.

 Name your user [ie. Temporary]   and give it a password (anything you can remember - write it down) and uncheck "User must change temporary password" select Password Never Expires.

 You may need to give it administrator privileges - go and use the control panel. "User Accounts and Family Safety - Add or remove user accounts. Change from standard to administrator account if needed.

 Close the window. You will enter this later on the computer that you are restoring. You can delete the account when done with your image recovery.

Get the windows repair disk that you made earlier.

Put the disk into the drive. You may have to power on the computer to achieve this.

Watch for the attempted CD/DVD disk boot - "Press any key for boot CD/DVD"
Press the SPACE key. It takes awhile to to load.

Select 'US' for keyboard input method

You will get a 'System Recovery Options' menu on the screen.
Move the mouse pointer to the Next button and click the left button once.

You will get a choice of tools. Select the Command prompt.
You will get a DOS like command screen.

Type in ----> **START /W WPEINIT** [enter]

It will take awhile to execute.

Once the prompt is free, ping the router. ----> **PING 192.168.1.1** [enter]
You should get echoes back. This checks to see you have a good Ethernet circuit.

Secondly ping the computer. ----> **PING 192.168.1.3** This checks to see the computer that holds the recovery image is also good with its circuit.

I have some additional commands to determine the IP addresses for pinging.
Use **IPCONFIG** to find your particular IP addresses. If all this seems foreign to you, consult with the technical information. You can run these commands on the computer that holds the recovery image; it can be a server or another computer. Open a Command window and run **IPCONFIG** there too.

Once you know you have a good net connection, close the Command window.

Select for the System Recovery Options, 'System Image Recovery'.

You will get a error message that says the system can't find the image on the computer. Just ignore it and cancel.

'Select the system image' and click on Next.

Select 'Advanced...' with the mouse.

You will get a 'Re-image Your Computer' window.

Select 'Search for a system image on the network'.

Type in the new minor 'Re-image window' the computer/server name where the image is stored. And the drive letter.

With this syntax: \\computer\drive.

In my case its: \\Robertscomp\L.

You will have to logon to a password protected account that is on the computer that stores the image. If you don't have such an account you will have to create it and it may need administrative privileges. [See on the first page on how it's done]

In my case its the 'Temporary' account. Pw: ???????

Now a listing or more should show up on the 'Re-image your computer' window.
Select the image desired and click the next button.

Follow the prompts thereafter.

If you should error and mess up on the logon screen. You need to get Command window and run NET USE * /delete to clear up the connections. Go back and repeat the operations with the 'Re-image' window. You can close the Command window with EXIT [enter]!

ADDITIONAL INFO:

Start Service:

START /W WPEINIT

Test by pinging the router - **ping 192.168.1.1**   Should get echo back.

Test again by pinging the computer - **ping 192.168.1.2** Should get echo.

To save images, this account: Temporary (or whatever you have) {password}
To retrieve images, this account: Temporary (or whatever you have) {password}

This may be necessary for some situations where the recovery disk doesn't have the correct NIC drivers:

Load driver from flash drive:

This is the netb57vx.inf for Broadcom Netextreme 57xx Gigabit controller

In general: Drvload <drive> <path> netb57vx.inf

This is the command for it: DRVLOAD netb57vx.inf || for a Dell Latitude Laptop.

Here are some additional commands to check Ethernet circuits:

Netstat
Netstat -a -r
tracert 192.168.1.2
net view
net config
ipconfig
ipconfig /all

For terminating connections:

net use * /delete