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How to reinstall OS in Thin-client machine?

We can reinstall or do ghost image using bootable Pendrive.

Using Bootable Pen drive.

- **Requirements:**

1. Usb Pen drive. (2GB or More)
2. Image File.(OS.gho file)

We can do it in two steps.

1. Make Pen drive bootable.
2. Ghost using Bootable pen drive.

Step:1 Make Pen drive bootable.

First you need to download this utility.

- [PendriveBootable.zip](#)
- Extract the downloaded file: Pendrivebootable.zip

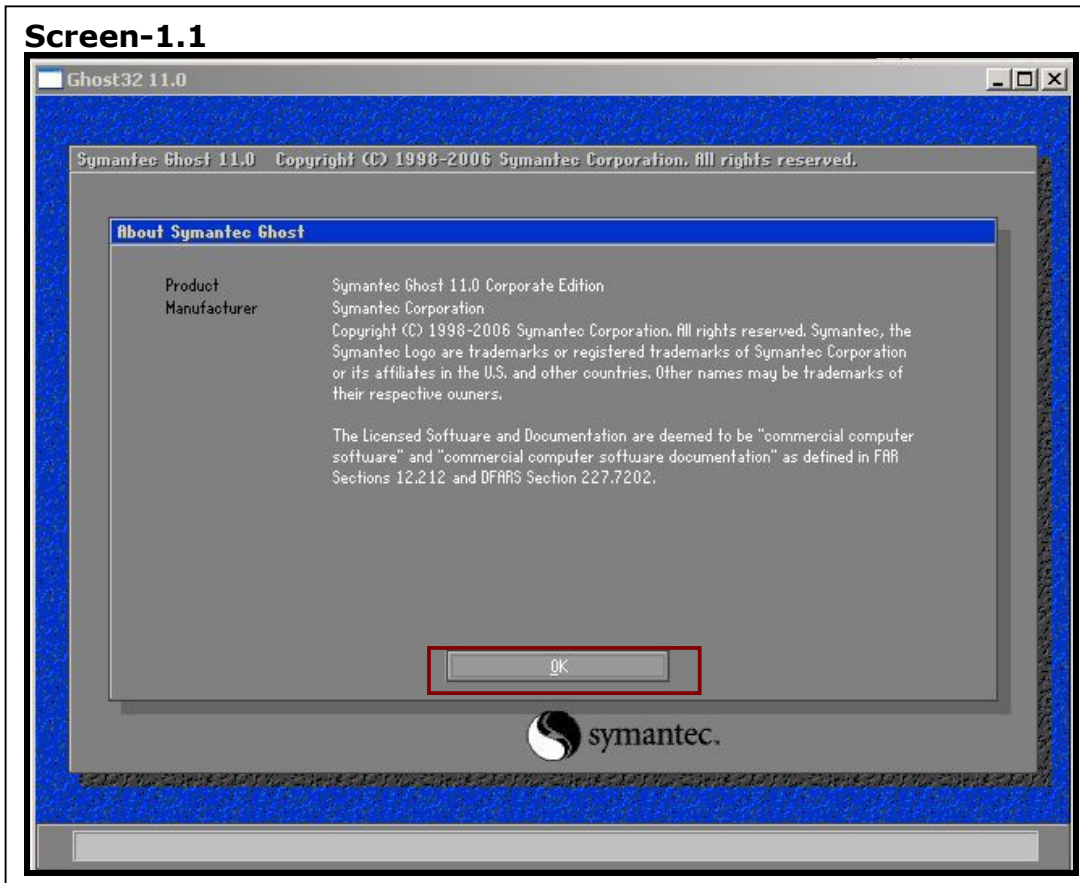
You will get the following files in Pendrivebootable folder.

- Ghost32.exe
- GHOST83.EXE
- Usbboot.GHO
- How to reinstall OS.pdf

Now, insert your pen drive in your desktop machine.

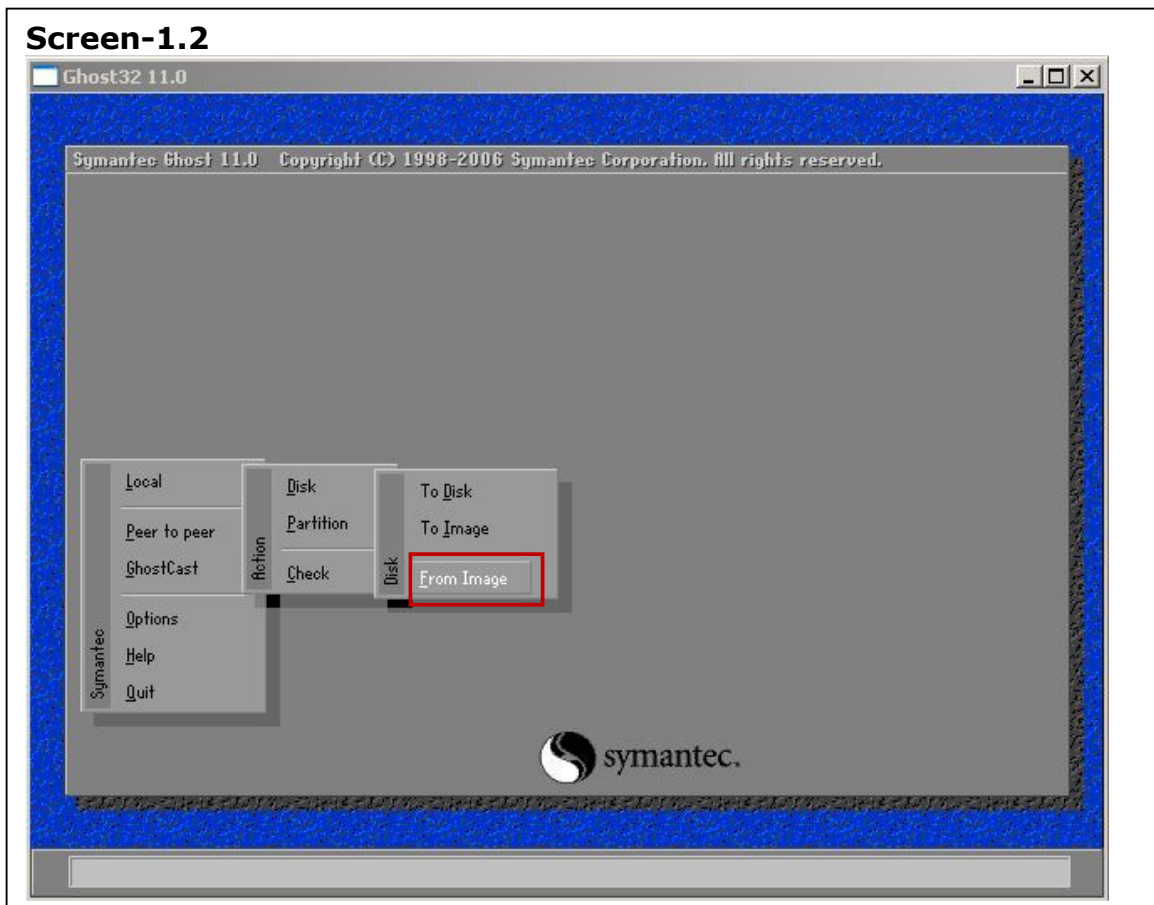
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- **Step-1.1 Run ghost32.exe file**
 - Run ghost32.exe .
 - So you will get the following screen.-11.
 - Press on OK button.



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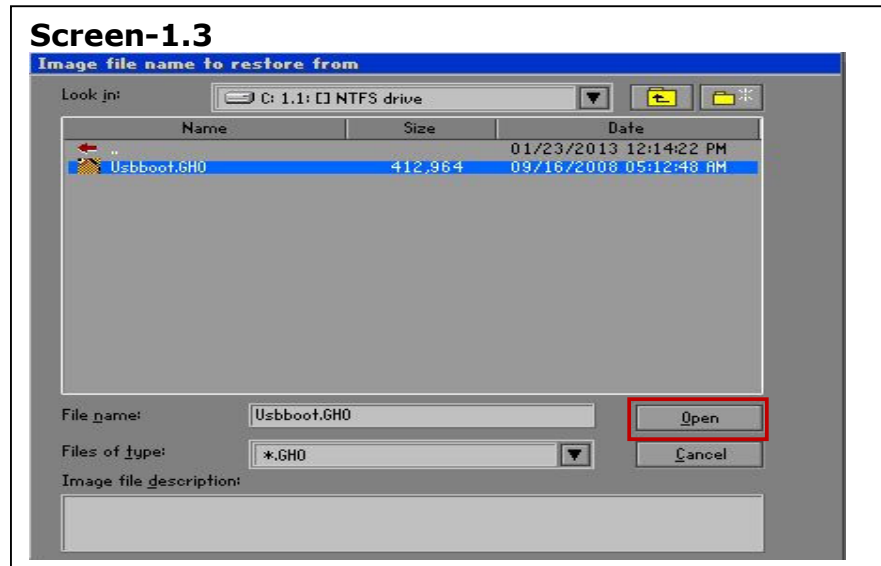
- **Step-1.2 - Select source**
 - You get the screen-1.2



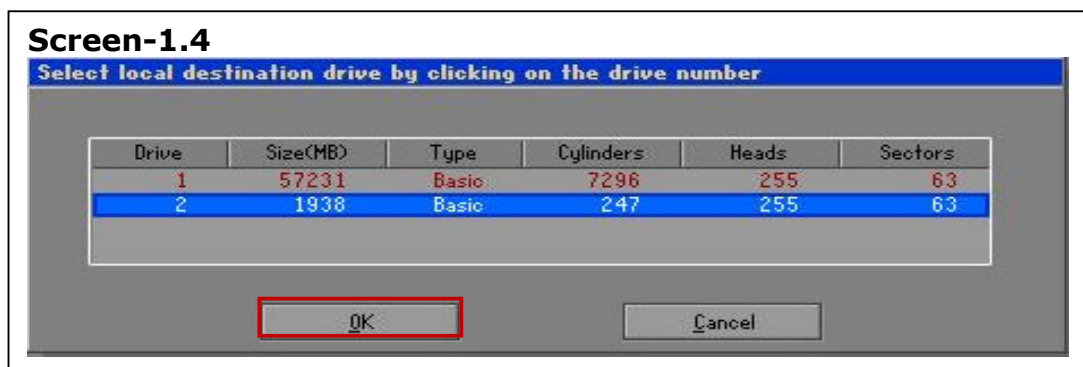
- Click on Local→Disk→From Image.
- As you show in Screen-1.2.

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- **Step-1.3 Select the source file.**
 - You will get the screen-1.3

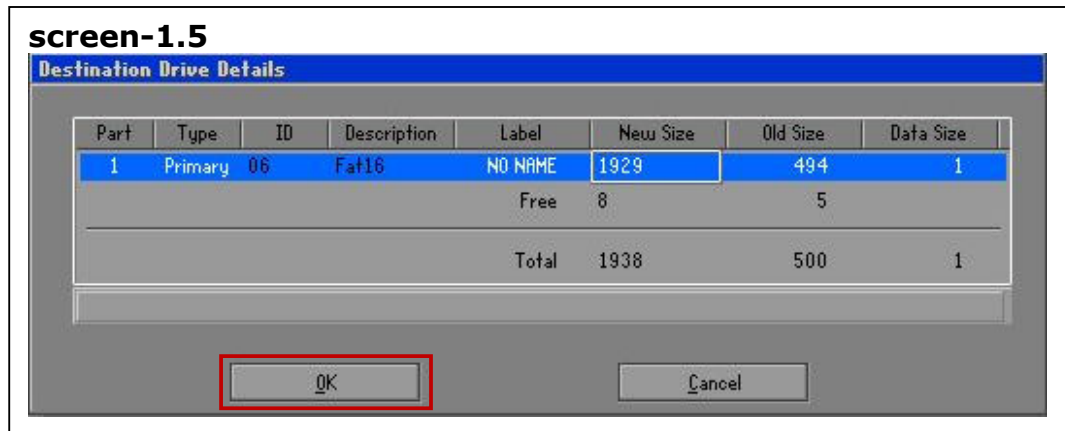


- Select the Usbboot.GHO file.
 - Click on Open Button.
- **Step-1.4 Select destination drive**
 - You get the Screen-1.4
 - Select the Pen drive carefully. You can identify it by size
 - Click On OK button.

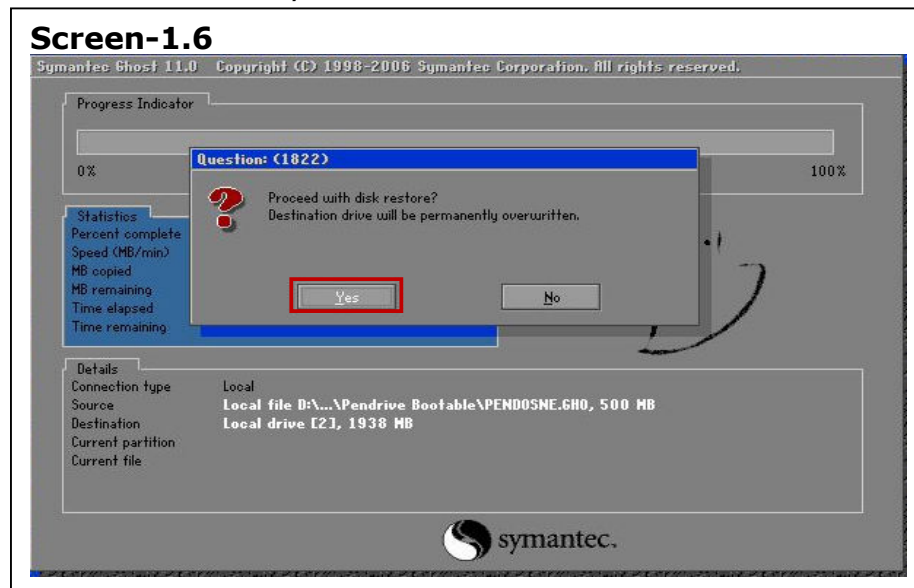


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- **Step-1.5 Selected destination drive details.**
 - You get the screen-1.5. This is our pen-drive.
 - Click on OK button.

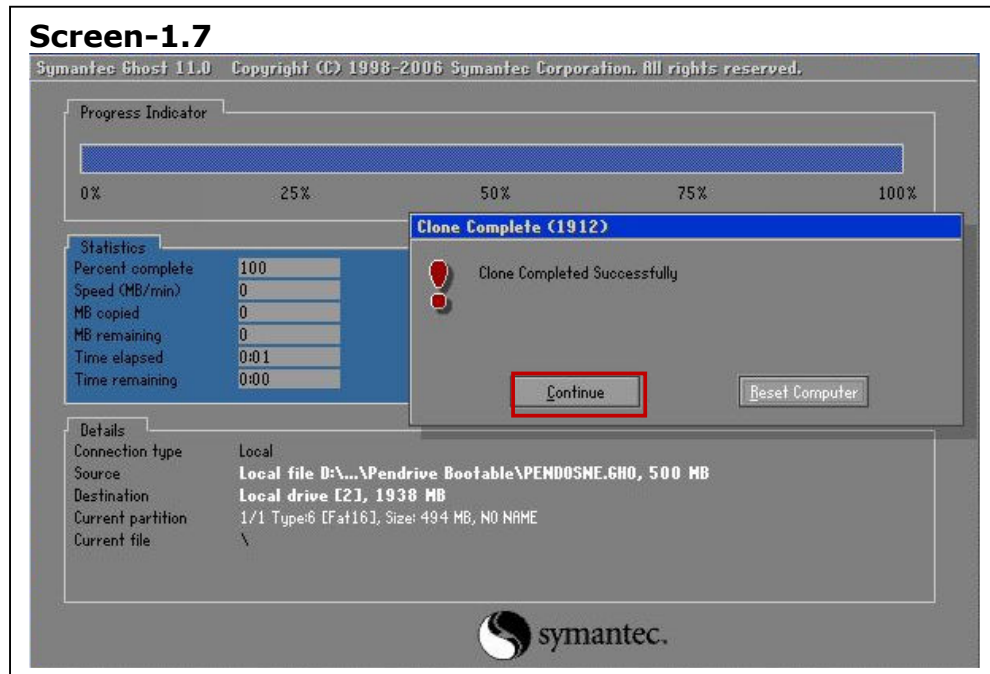


- **Step-1.6 Disk restoration confirmation message.**
 - You get the screen-1.6
 - Just click on yes Button.



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- **Step-1.7. Disk restoration process.**
 - The process is start now .
 - You can see the progress of it in your desktop.
 - When it reach 100% then you get the screen-7.



- Click on continue button.

Now your **pen drive is bootable.**

Note:

This process make pen drive bootable and it's size will be nearly about 2 GB.

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Step 2. Ghost using Bootable Pen drive.

- You need Image file.(OS.gho file).
- Download the Tornado OS.
- Download all parts of OS and extract it with winrar.
- You will get one OS.gho file.
- Now copy following file in your pen drive.
 - Ghost83.exe.
 - OS.gho (Image file of OS.gho file)

Now , Follow the steps.

- **Step-2.1 - Boot from USB and run ghost command.**
 - Attach this bootable pen drive to Thinclient machine.
 - Start your client machine.
 - Go to BIOS settings.
 - Set first Boot priority: USB.
 - Save your BIOS and restart your client machine.
 - It will boot from your pen drive and you will get the screen of dos prompt. C:\
 - Type the command `ghost83 -ir` command.
- **Step-2.2 - Select source**
 - Repeat the above Step -1.1 and Step-1.2.
- **Step-2.3 - Select source file.**
 - Refer above Step-1.3 Here you need to select appropriate OS.gho file.
- **Step-2.4 - Select destination.**
 - Refer above Step-1.4 .
 - You need to select proper destination.
 - You can see the pen drive and DOM in list.
 - You can identify it by it's size. Dom size nearly about 512 M.B. or 1 G.B
 - Select Dom and press ok button.(Refer screen-1.4).

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- **Step-2.5 - Selected destination drive details.**
 - Refer above Step-1.5 .
 - You can see the destination drive details.
 - Destination drive should be DOM.
 - Click on OK button.
- **Step-2.6 - Disk restoration confirmation message.**
 - Refer Step-1.6
 - Screen-1.6 as above the warning message will appear.
 - Just click on yes Button.
- **Step-2.7 - Disk restoration process.**
 - The process will start .
 - You can see the progress on your desktop.
 - When it reach 100%, you get the Screen-1.7 as above.

Now, your ghost image is **completed** on your dom.

Your machine is ready with NEW OS.

To start the OS follow the steps.

- Just restart the computer
- Remove the pen drive and go to BIOS settings client machine.
- Change the first boot device option to dom.
- Save the BIOS setting and restart the client machine.
- Now you can able to boot from your embedded OS.