

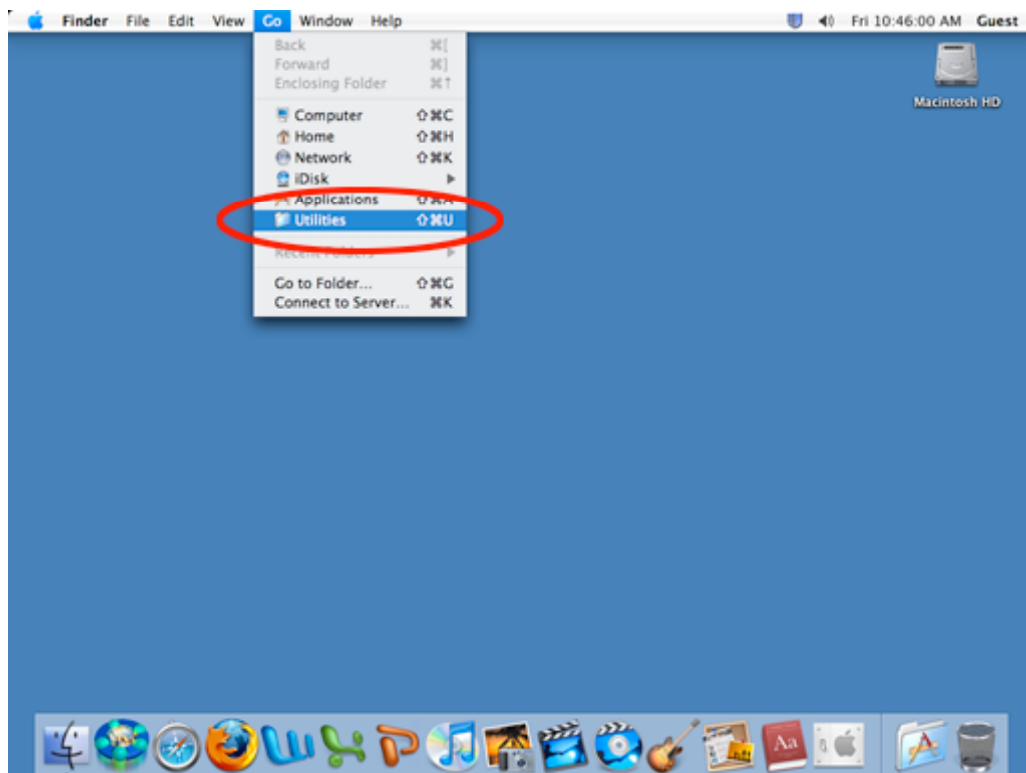
File Encryption For Security of Private And Confidential Files

File encryption is a method of protecting files from unauthorized access with a password. Usually these files are private and confidential in nature.

Please follow the steps below to use file encryption in Mac OS X Tiger 10.4.x and Leopard 10.5.x

Step 1: Go To Utilities Folder

Click on **Go > Utilities** from the Finder's menu bar.



Step 2: Open Disk Utility

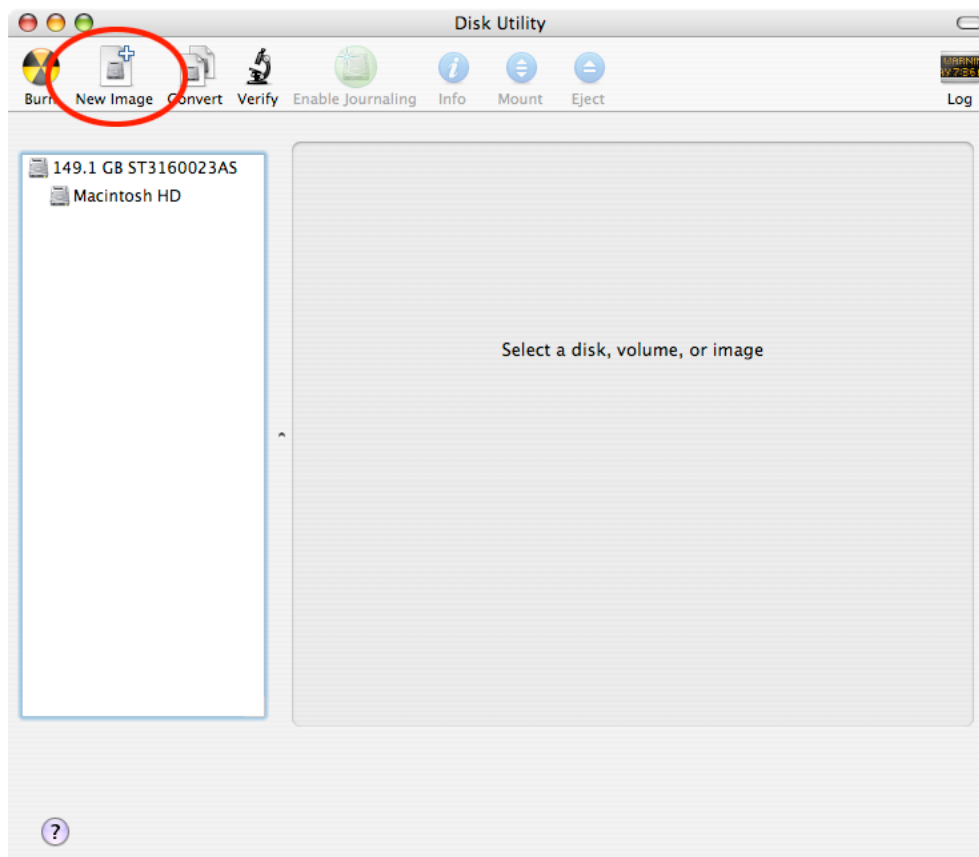
Double-click **Disk Utility** to open it.



Disk Utility

Step 3: Create New Image

Click on **New Image** to create a new image as the container to protect the files.

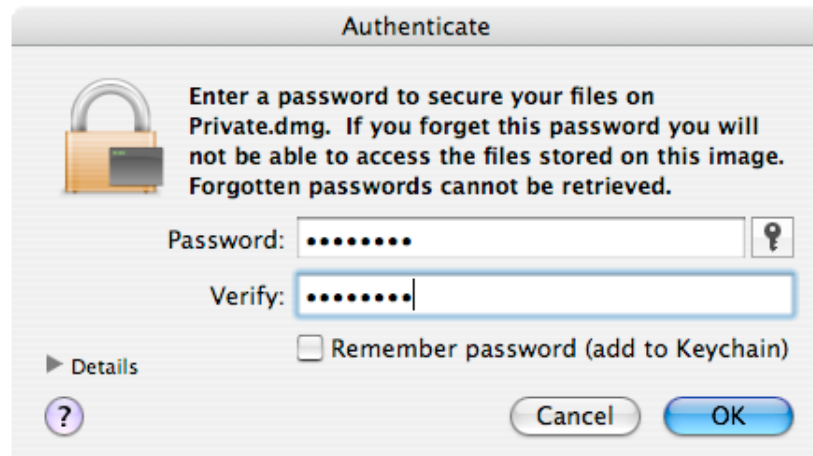


Step 4: Enter Image Details

Depending on whether you are using Mac OS Tiger or Leopard the options will be different but more or less the same. Please enter the details as follows and then **click Create**.

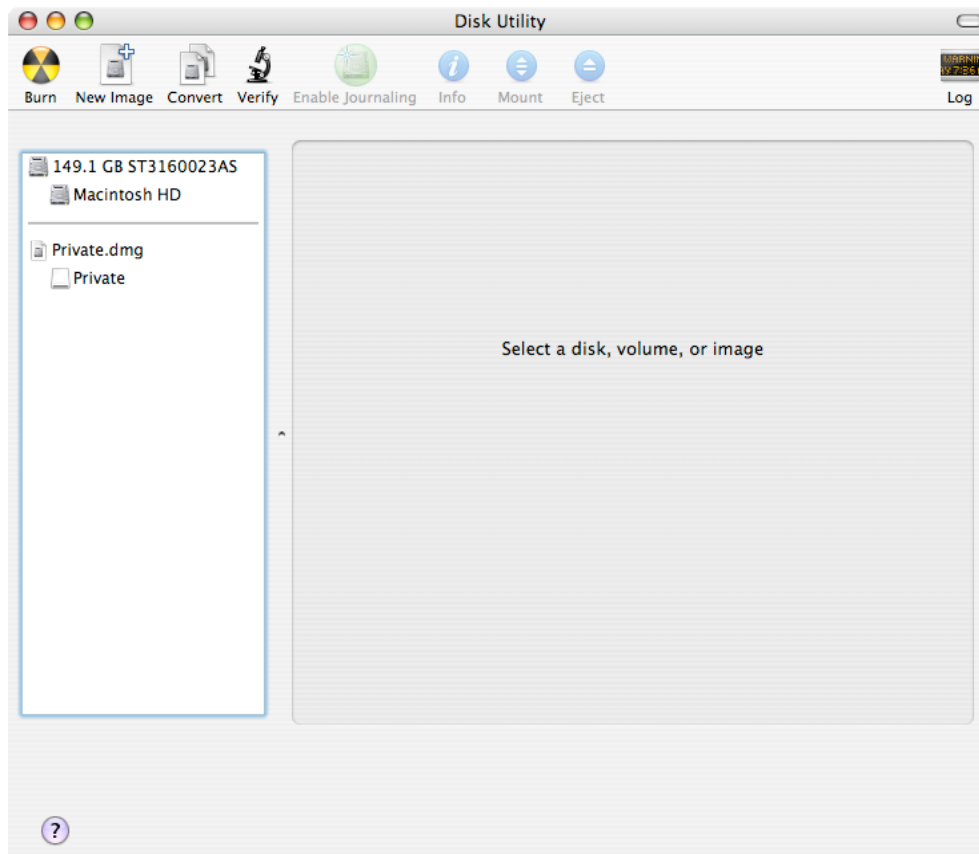
Step 5: Create Password

Enter a password to secure the files. The password should be non-trivial and at least 4 characters in length. For greater security use at least 8 characters with random letters and numbers. **Untick Remember password** (add to Keychain) and then **click OK**.



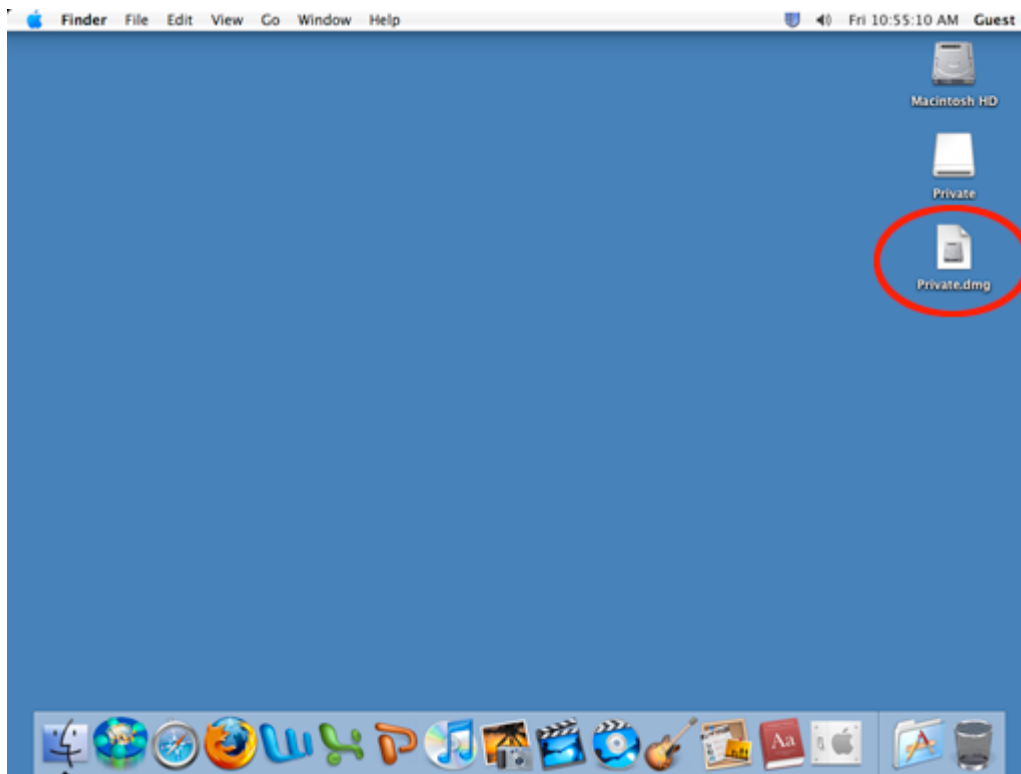
Step 6: Quit Disk Utility

Click on the **Red circle** to quit Disk Utility.



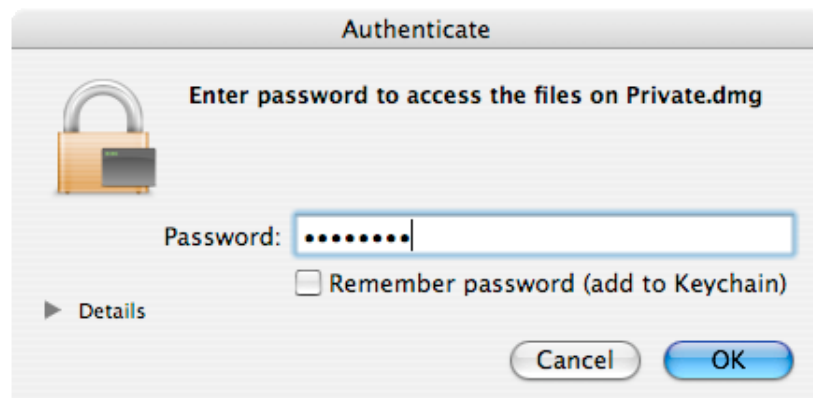
Step 7: Open Private.dmg

Private.dmg is the filename of the password-protected image. Private.dmg is encrypted and the only way to read its contents is to enter the password for it. You can store Private.dmg on a USB flash drive. If you were to lose the USB flash drive Private.dmg can only be opened with the correct password. **Double-click Private.dmg** to start the authentication process.



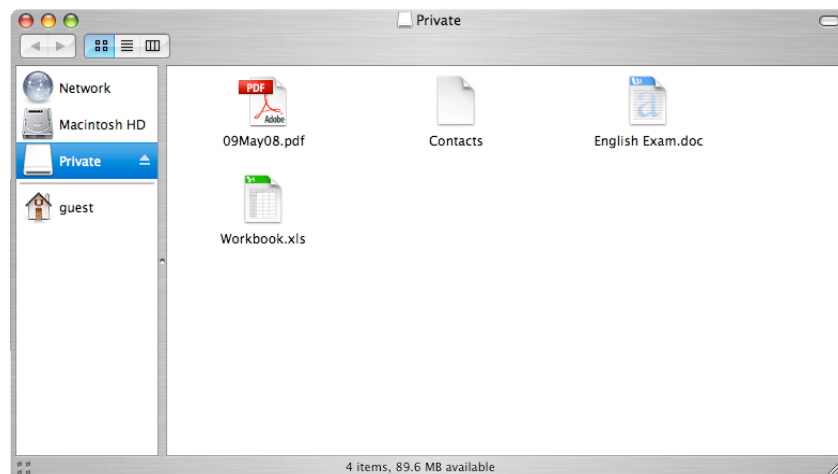
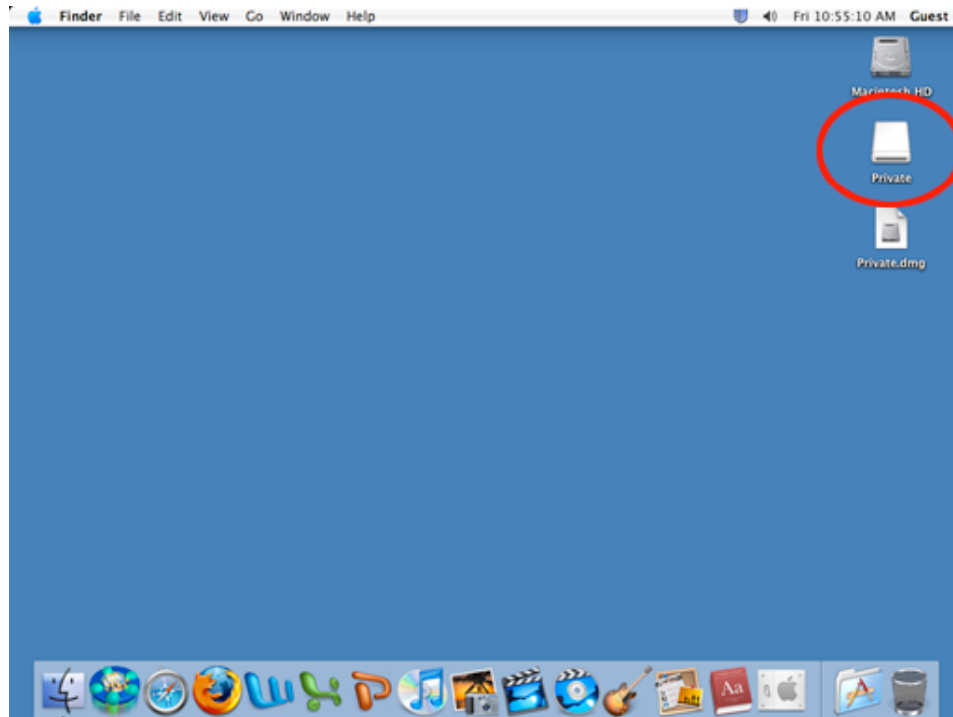
Step 8: Authenticate

Enter the password for Private.dmg and make sure Remember password (add to Keychain) is not ticked. **Click on OK.**



Step 9: Private Drive

Upon entering the correct password for Private.dmg the Private drive will be mounted on the Desktop. **Copy any file you wish to be protected into this drive.** The Private drive will be accessible until it is unmounted.



Step 9: Unmount Private Drive

When you have finished using the Private drive make sure you remember to eject the drive so that its unmounted and therefore cannot be accessed without entering the password again. To eject the drive from the Finder's menu bar click on **File > Eject "Private"** or you can click on the eject symbol circled below.

