

Mount image files on loopback devices (124)

This Howto shows how to mount an ISO image and a floppy image using a loopback device. When downloading Linux distributions they often come as a set of ISO images. Usually these ISO images are burned to CD's . These image files can also be mounted in Linux using a loopback device to access one of more of the files without burning them to a CD. The same thing can be done with floppy images.

Supplies:

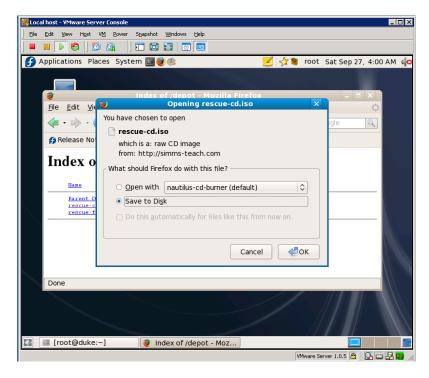
- Example CD ISO
 - http://simms-teach.com/depot/
- Example floppy image file
 <u>http://simms-teach.com/depot/</u>
- Any Linux VM
 - The Fedora-8 duke VM will be used in this Howto
- VMWare Server 1.05
 <u>http://www.vmware.com/products/server/</u>

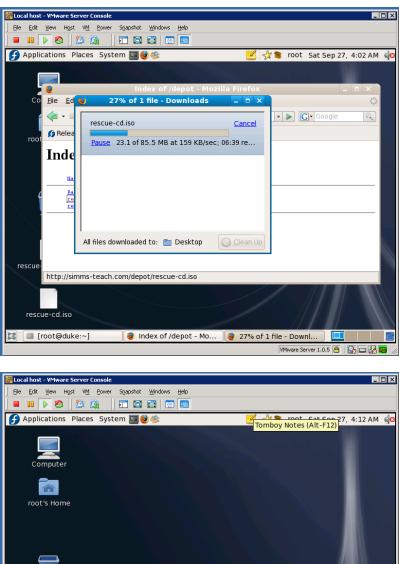
Run the VM and download images

- Start VM and login as root
- In your VM browse to: <u>http://simms-teach.com/depot</u>

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- Download the CD ISO image (rescue-cd.iso) to the desktop Download the floppy image (rescue-floppy.img) to the desktop •





rescue-cd.iso rescue-floppy.img [root@duke:~]

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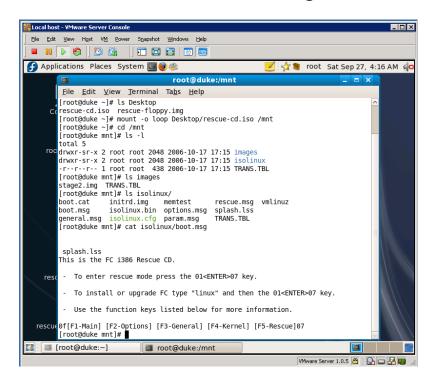
The two downloaded files appear on the desktop. The path to each file is:

/root/Desktop/rescue-cd.iso •

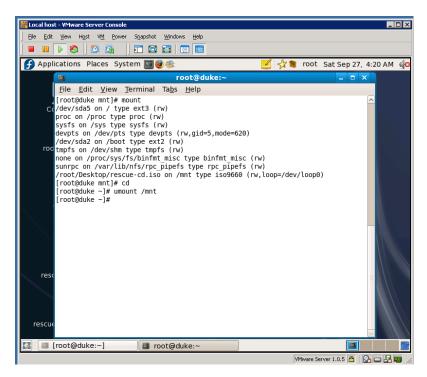
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/root/Desktop/rescue-floppy.img ٠

Mount and browse the CD ISO image



- Mount with: mount -o loop Desktop/rescue-cd.iso /mnt
- Browse files on the CD
- Show the mount points with: mount
- Un-mount with: umount /mnt



Mount and browse the floppy image

- Mount with: mount -o loop Desktop/rescue-floppy.img /mnt
- Browse files on the CD
- Show the mount points with: mount
- Un-mount with: umount /mnt

