



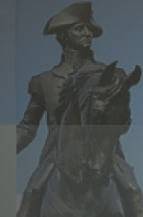
connect

OpenVMS Boot Camp

> Bedford-Glen, MA

An Introduction to Linux for OpenVMS Professionals

Keith Parris



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Painless Ways To Play With Linux

Linux Live CDs



Linux Live CDs

- These are bootable CDs (or DVDs)
- Can run directly from the CD (or DVD) drive
- “Try before you buy”
- No need to install anything
- Can run from a Windows box with no modifications to the hard drive(s)
- First one I worked with:

- Knoppix: <http://www.knoppix.net/>



Linux Live CDs

- Burning a CD or DVD:
 1. Download .iso image of CD or DVD from the website
 2. Verify checksum, if available
 - I like to use the free HashCalc tool from <http://www.slavasoft.com/hashcalc/>
 3. Burn the .iso image to a blank CD or DVD disk
 4. Shut down your system
 5. Boot from the CD or DVD you just created, and enjoy
 6. When you're done, remove the CD or DVD and reboot



Linux Live CDs

- Most flavors (distributions) of Linux are also available as a Live CD
 - You can run them from the Live CD, and also choose to install the operating system from the Live CD to a local disk



Linux Live CDs

– There are many Live CDs for special purposes:

- Recovery:

- System Rescue CD: <http://www.sysresccd.org/>

- Trinity Rescue Kit: <http://trinityhome.org/>

- Multimedia/Graphics/Audio/Video production:

- Dyne:bolic: <http://dynebolic.org/>

- Ubuntu Studio: <http://ubuntustudio.org/>

- Games:

- Linux Gamers CD: <http://live.linux-gamers.net/>

- Supergamer: <http://supergamer.org/>



Linux Live CDs

–Directories of Live CDs:

- List of Live CDs:

http://en.wikipedia.org/wiki/List_of_live_CDs

–This list includes OpenVMS as an “Installable LiveCD”

- Comparison of Linux distributions & Live CDs/DVDs/USBs:

http://en.wikipedia.org/wiki/Comparison_of_Linux_distributions#Live_CDs.2FDVDs.2FUSBs

- FrozenTech’s Live CD List: <http://www.livecdlist.com/>

- List of Linux Live CDs from the Open Directory Project:

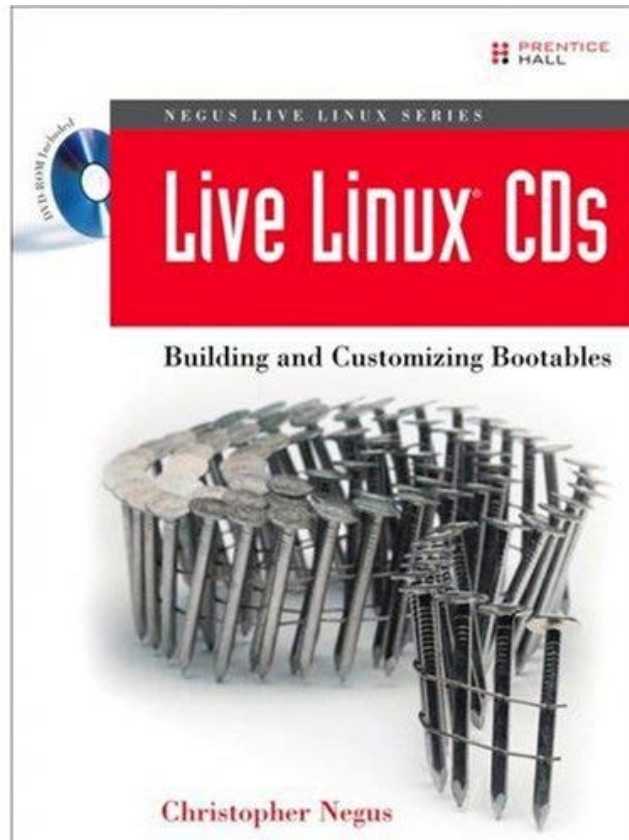
http://www.dmoz.org/Computers/Software/Operating_Systems/Linux/Distributions/Live_CD/



Linux Live CDs

– Book on Live CDs:

- *Live Linux CDs* by Christopher Negus, ISBN 978-0132432740



Painless Ways To Play With Linux

Virtual Machines



Virtual Machines

- Allow you to run Linux under an existing operating system, such as Windows
- Uses some CPU and memory and disk capacity from the host system



Virtual Machines

–Virtual machine software:

- Oracle/Sun VirtualBox (free):

<http://www.virtualbox.org/>

- Microsoft VirtualPC (free):

<http://www.microsoft.com/windows/virtual-pc/>

- Microsoft Hyper-V (standalone version is free):

<http://www.microsoft.com/en-us/server-cloud/hyper-v-server/>

- VMware (ESXi, VMware Server, and VMware Player are free): <http://vmware.com/>



Virtual Machines

How to run Linux under a Virtual Machine:

- 1) Install the Virtual Machine software
- 2) Create a Virtual Machine instance
 - a) Point the VM to your CD or DVD drive, or to an .iso image of a Linux CD or DVD
 - b) Point the VM to a container file of perhaps 1-2 gigabytes in size
- 3) Boot the VM to your CD or DVD or .iso image
- 4) Install Linux to the container file "disk"
- 5) Boot from your container file "disk, and

Q&A



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