#### Download Ubuntu Server and Make a Bootable Ubuntu Flash Drive

July 5, 2010

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#### Ubuntu 8.04 Release

We go to the Ubuntu archive at <u>http://mirrors.kernel.org/ubuntu-</u>releases/8.04/ to get the 8.04.4 server file.

We double click on the Ubuntu 8.04.4 server hyperlink for I386 computers.

E Index of /ubuntu-releases/8.04						
Index of /ubuntu-releases/8.04						
Name	Last modified	Size				
Parent Directory		-				
FOOTER.html	28-Jan-2010 22:30	21				
HEADER.html	28-Jan-2010 22:30	4.8K				
MD5SUMS	28-Jan-2010 22:30	438				
MD5SUMS-metalink	28-Jan-2010 22:30	425				
MD5SUMS-metalink.gpg	28-Jan-2010 22:30	189				
MD5SUMS.gpg	28-Jan-2010 22:30	189				
SHA1 SUMS	28-Jan-2010 22:30	494				
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SHA256SUMS	28-Jan-2010 22:30	662				
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ubuntu-8.04.4-alternate-amd64.iso	21-Jan-2010 11:07	695M				
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ubuntu-8.04.4-alternate-amd64.jigdo	28-Jan-2010 22:28	128K				
ubuntu-8.04.4-alternate-amd64.list	21-Jan-2010 11:07	92K				
ubuntu-8.04.4-alternate-amd64.metalink	28-Jan-2010 22:30	7.1K				
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ubuntu-8.04.4-alternate-i386.iso	21-Jan-2010 11:09	697M				
ubuntu-8.04.4-alternate-i386.iso.torre	nt 03-Feb-2010 18:33	288				
ubuntu-8.04.4-alternate-i286.iso.zevno	28-Jan-2010 22:29	1.4M				
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ubuntu-8.04.4-desktop-i386.iso	21-Jan-2010 10-19	700M				
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ubuntu-8 04 4-server-and64 iso	21-Jan-2010 12-54	567M				
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## Save the ISO File to the Downloads Folder

We will save the ISO file to our download folder and then write the file to a bootable flash drive.

87.8KB/Sec Close this dialog box when download completes

Download to:

Transfer rate:



SmartScreen Filter checked this download and did not report any threats. Report an unsafe download.

Open

# **Obtaining a Flash Drive**

We can go ahead and download the Ubuntu ISO file to our computer, and then we can create a bootable Ubuntu flash drive.

We need at least a 1 gigabyte flash drive and we will want to plug the flash drive into a USB port on the computer we will download Ubuntu.

To make the flash drive bootable, we will first load a program called UNetbootin. We can locate the program at <u>http://unetbootin.sourceforge.net/</u>



#### Get the Software to Make the USB Drive

JNetbootin - Homepage and Downloads - Windows Internet Explorer	
Verify the second secon	<ul> <li>✓ </li> <li></li></ul>
Edit View Favorites Tools Help	
Favorites   🚖 🏉 Suggested Sites 👻 🌆 Free Hotmail 🙋 Web Slice Gallery 👻	
UNetbootin - Homepage and Downloads	🐴 🔹 🔂 🔹 🖶 🗮 Page 🔹 Safety 🛛 Tools 👻 🔞 👻
UNetbootin - Homepage a	nd Downloads
Download (for Windows) (for Linux)	<ul> <li>» Introduction</li> <li>» Requirements</li> <li>» Features</li> <li>» Installation &amp; Screenshots</li> </ul>
Packages: <u>Ubuntu Debian Fedora Suse Arch Gento</u> Introduction	o More » Removal Instructions » Other Distributions » Translations
UNetbootin allows you to create bootable Live USB d Ubuntu, Fedora, and other Linux distributions without CD. It runs on both Windows and Linux. You can eith UNetbootin download one of the many <u>distributions s</u> <u>supply your own Linux .iso file</u> if you we already down distribution isn't on the list.	rives for t burning a er let supported out-of-the-box for you, or loaded one or your preferred
Requirements	
<ul> <li>Microsoft Windows 2000/XP/Vista/7, or Vinux.</li> <li>A broadband internet connection to download the using pre-downloaded files)</li> </ul>	e distribution's .iso file (unless you're
Features	
UNetbootin can create a bootable Live USB drive, or local hard disk if you don't have a USB drive. It can lo downloading their ISO (CD image) files, or by using e images, or kernel/initrd files, for installing other dist	t can make a "frugal install" on your odd distributions by automatically existing ISO files, floppy/hard disk ributions
	To download the UNetbootin
UNetbootin	program click on this hyperlink
.//unetbootin.sourcerorge.net/#features	

#### Download UNetbootin

File Download - Security W	'arning 🛛 🔀	Save As			? 🗙
Do you want to run or save Name: unetbooti Type: Applicatio From: hivelocit	e <b>this file?</b> n-windows-471.exe n, 4.36MB s <b>y.dl.sourceforge.net</b> un <u>S</u> ave Cancel	Sav My Recen Document Desktop	e jn: 🗁 My downloads	3.9.2-setup	
While files from the Int potentially harm your o run or save this softwa We will press the Save	Download complete Download Completeunetbootin-windows-471.exe from hivelocity	/.dl.sourceforge	net	unetbootin-windows-471	Save Cancel
button and place the program in our downloads folder.	Downloaded: 4.36MB in 51 sec Download to: C:\Document\unetbootin Transfer rate: 87.5KB/Sec Close this dialog box when download comple <u>R</u> un	n-windows-471.e etes Open <u>F</u> older	ke Close	Then, we will install th program by pressing th Run button.	he
	SmartScreen Filter checked this down	nload and did no	report any		

## **Unetbootin Installation**

We will select Run at the Security Warning window and install the program to the default folder as shown.

Internet Explorer - Security Warning		
The publisher could not be verified. Ar software?	e you sure you want to run this	
Name: unetbootin-windows-471.exe		
Publisher: Unknown Publisher		
	<u>R</u> un <u>D</u> on't Run	
This file does not have a valid digita should only run software from publ software to run?	al signature that verifies its publisher. You ishers you trust. <u>How can I decide what</u>	
	7-Zip self-extracting archive	
	E <u>x</u> tract to:	
	ts and Settings\Charles\My Documents\My do	wnloads\
	Extract	Cancel

## Run UNetbootin

We will then run the program and make the bootable Ubuntu Server flash drive. We show where the ISO image is located in the My downloads folder.

Distribution	Ubuntu	8.04_Live
Homepage: http://	/www.ubuntu.com	
Description: Ubunt	tu is a user-friendly Debian-l	based distribution. It is currently the most popular Lin
desktop distribution.	Live version allows for booti	na in Live mode, from which the installer can optional
be launched. The Ne	tive version allows for boot	stallation over FTP, and can install Kubuntu and othe
official Ubuntu deriva	atives. If you would like to u	se a pre-downloaded alternate (not desktop) install
use the HdMedia ont	tion, and then place the alte	rnate install iso file on the root directory of your har
die die Haneala opt	and and then place the are	
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<ul> <li><u>C</u>iskimage</li> <li><u>C</u>ustom</li> </ul>	ISO 💽 ocume Kernel:	nts\My downloads\ubuntu-8.04.4-server-i386.iso

# Writing Files to the Flash Drive

Then, we have to wait for the files to be written to our flash drive.

UNetbootin	
1. Downloading Files (Done)	
2. Extracting and Copying Files (Current)	
3. Installing Bootloader	
4. Installation Complete, Reboot	
Copying initrd file from install\initrd.gz	
	0%

## The Finished Bootable USB Drive

Now, we have a bootable Ubuntu USB flash drive.

#### 

Removable Disk (E:)					
<u>File E</u> dit <u>V</u> iew F <u>a</u> vorites	Tools	Help			<b></b>
😋 Back 👻 🕥 – 🏂	, S	earch 😥 Folders 🛄 -			
Address 🖙 E:\					💙 🄁 Go
		Name 🔺	Size	Туре	Date Modified
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Publish this folder to the		🛅 install		File Folder	1/21/2010 9:54 AM
Web		🛅 isolinux		File Folder	1/21/2010 9:54 AM
briare this folder		🚞 pics		File Folder	1/21/2010 9:54 AM
		pool		File Folder	1/21/2010 9:54 AM
Other Places	*	Copreseed		File Folder	7/5/2010 5:39 PM
	4	🖬 cdromupgrade	1 KB	File	4/22/2008 2:07 AM
		🗐 md5sum	119 KB	Text Document	1/21/2010 9:54 AM
Details	Ŵ	🖬 menu.c32	54 KB	C32 File	7/5/2010 6:02 PM
		README.diskdefines	1 KB	DISKDEFINES File	1/21/2010 9:54 AM
		🖬 syslinux.cfg	3 KB	CFG File	7/5/2010 6:02 PM
		🗐 ubnfilel	76 KB	Text Document	7/5/2010 6:02 PM
		🖬 ubninit	5,186 KB	File	1/21/2010 9:54 AM
		🖬 ubnkern	1,882 KB	File	1/21/2010 9:54 AM
		🗐 ubnpathi	16 KB	Text Document	7/5/2010 5:39 PM
		🖬 ubuntu	0 KB	File	1/21/2010 9:54 AM

Reboot Now

Exit