

Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/02 23:02

A VHD file is available for download here:

<http://www.vmlite.com/index.php/download/22-appliances>

This is for Ubuntu 10.04 32-bit desktop version.

http://www.vmlite.com/images/fbfiles/images/ubuntu_1004.png

----- README -----

VMLite VBoot - Linux VHD Boot
updated on May-02-10

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1 Overview

1.1 Linux as Real Appliance

With VBoot for Linux, you can pre-install and pre-configure Linux OS and its applications, then distribute the resulting virtual disk file in VHD format. The vhd can boot a real computer, with configuration and apps instantly available. This way, operating systems are truly manageable, as simple as files. We call such a Linux VHD to be a real appliance, in the sense that it boots physical computers.

It's very easy to setup and boot a computer with a vhd file. You download the vhd file, drop it to Windows or Linux file system, then configure the boot loader, and reboot the computer.

1.2 Linux as Virtual Appliance

The exact same vhd file also runs as a virtual machine using virtualization software, such as VMLite Workstation, VirtualBox, Xen and Virtual PC and Hyper-V, etc. By default, it's optimized for VMLite Workstation.

If VMLite Workstation is installed, you can simply double click the ubuntu-1004-desktop-i386.mop file to launch the vhd as a virtual machine with VMLite Workstation.

1.3 USB Boot Made Eas

You just need to store the vhd file to usb drive, then hook the USB to different computers to boot. If your computer BIOS does not support USB boot, you need to configure GRUB2 to support USB.

1.4 The sample Ubuntu VHD

The sample ubuntu-1004-desktop-i386.vhd is a pre-installed 32-bit Ubuntu 9.10 desktop version in English.

self growing disk with disk capacity of 100G, with initial size about 3G

root username/password: user/welcome

1.5 Make your own Ubuntu 9.10 32-bit VHD

If you don't want to use our pre-built ubuntu-1004-desktop-i386.vhd file, you can go ahead to create your own .vhd file. Follow the following instructions:

Download VMLite Workstation, and create a Linux (Ubuntu 32-bit) virtual machine using Ubuntu 9.10 32-bit CDROM

Make sure you use .VHD file, run from command line: "VBoxManage createhd --format vhd --filename c:ubuntu-1004ubuntu-1004-desktop-i386.vhd -size 102400 --remember"

After the vhd file is created, you need to download our patched initrd and VBoot Loader files from our download page. You place your own .VHD file to the same directory as VBoot files.

2 System Requirements

Windows 2000 and Later, 32- and 64- bit, NTFS file system GRUB2 or other compatible boot loaders, 32- and 64- bit

Mac - to be supported soon

4G disk space

3 Download and Extract

The sample Ubuntu 9.10 package is a few hundred MB, so it will take quite some time to download, and it's recommended to use a download manager, such as FlashGet.

Once download is complete, first you need to extract the file, which is in .7z format. More info can be found at <http://www.7-zip.org/download.html>. On Windows, you can use WinRAR or 7Zip to extract the file. On Linux, you can use the following commands to install 7zip, and unzip the file:

```
sudo apt-get install p7zip
```

```
p7zip -d ubuntu-1004.7z
```

In order to boot a computer using the vhd file, make sure that it's not extracted to a network drive, or to another virtual disk. The vhd file must reside in a basic volume on internal or external hard disks (e.g., USB drives), otherwise, it won't boot.

4 Install on Windows

If your current host is Windows, you need to install VBoot loader, and add a boot entry to Windows boot manager. In addition, you need to tell VBoot where to find the vhd file.

4.1 Automatic Setup by running setup.exe

It's highly recommend that you use this method to setup VBoot on Windows, since it's extremely simple and automates everything. You simply double click setup.exe on 32-bit Windows, or setup64.exe on 64-bit Windows. The setup utility will install VBoot Loader, and configure the Windows boot loader to contain an entry to boot the Linux VHD.

After setup.exe is successfully run, you reboot the computer, and you should see a "VBoot - Ubuntu VHD Boot" entry as the last one, select this entry to boot to Linux.

4.2 Manual Setup

If somehow the automatic setup doesn't work, then you can perform the following manual steps:

4.2.1 Copy VBoot Loader Files

The VBoot loader is based on GNU GRUB2, and its files are located in vboot sub directory.

vbootldr.mbr and vbootldr are the two critical boot loader files that must be copied to the root directory of a drive, typical C:.

The fonts directory contains font files to be used by our boot loader.

The grub directory contains grub2 modules, and the very import grub.cfg configuration file.

For example, if you want to copy the files to C:, you need to copy the vboot directory to c:, so you will have c:vboot directory. Then you must copy vbootldr.mbr and vbootldr to c:.

The following commands can be used to copy the files. Make sure to run from the extracted dir.

```
md c:vboot
xcopy /s vboot c:vboot
copy vbootvbootldr c:
copy vbootvbootldr.mbr c:
```

4.2.2 Configure grub.cfg

A sample grub.cfg file is placed in c:vbootgrub directory (or d:vbootgrub depending on where you have copied the files). This is the GRUB2 configuratrion file to load operating systems. Inside this file, the vhd file path is hard coded, and thus you have to modify it.

grub.cfg is a text file that you can use notepad to open and modify. The relevant portion is shown below:

```
menuentry "VHD Ubuntu, Linux 2.6.32-21-generic" {
  insmod vhd
  vhd vhd0 (hd0,1)/ubuntu-1004/ubuntu-1004-desktop-i386.vhd --partitions
  linux (vhd0,1)/boot/vmlinuz-2.6.32-21-generic root=/dev/sda1
  vloop=/ubuntu-1004/ubuntu-1004-desktop-i386.vhd quiet splash
  initrd (vhd0,1)/boot/initrd.img-2.6.32-21-generic
}
```

menuentry groups a specific operating system. The first line insmod vhd inserts our vhd.mod module to the boot loader. vhd.mod is a GRUB2 module that treats a vhd file as hard disk, and allows GRUB2 to read files from the vhd. For example, the Linux kernel and initrd are loaded from the vhd file, as configured above.

There are three paths (as shown in red) related to the vhd file that you need to change depending on the directory to which the vhd file is extracted.

The vhd path (hd0,1)/ubuntu-1004/ubuntu-1004-desktop-i386.vhd is in GRUB2 format where (hd0,1) indicates hard disk 0 and partition 1, with the rest is the absolute path in UNIX format. For example, if your vhd file is inside a folder called 123 on an external USB disk, then you need to change this path to something like (hd1,1)/123/ubuntu-1004-desktop-i386.vhd. The path immediately after vloop= should be the same absolute path without the disk number and partition number.

The root path is the Linux device name for the disk where the vhd file resides. The number is the partition number, and the letter 'a', 'b', 'c', etc, represents which disk. For (hd0,1), the name would be /dev/sda1; For (hd1,1), it would be /dev/sdb1; For (hd2,4), it would be /dev/sdc4, etc.

4.2.3 Configure Windows Boot Loader

Once VBoot Loader and the vhd file are ready, you need to configure Windows boot manager, so you can boot to the Linux VHD. You need to append the vbootldr.mbr entry to the section. The following is

sample boot.ini file with VBoot entry added at the very last. Shown in red is what you need to add to boot.ini. Change C: to whatever drive you have copied VBoot Loader files.

```
timeout=30
default=multi(0)disk(0)rdisk(0)partition(1)WINDOWS
```

```
multi(0)disk(0)rdisk(0)partition(1)WINDOWS="Microsoft Windows XP Professional" /noexecute=optin
/fastdetect
C:\vbootldr.mbr="VBoot - Ubuntu VHD Boot"
```

4.2.3.2 Windows Vista/2008/7

Windows Vista and above use a different mechanism other than boot.ini to boot, and you need to run bcdedit.exe to make changes to the boot manager. The following are the commands to run if you have copied VBoot Loader to drive C:. You must run these commands as Administrator. Go to Windows Start menu > All Programs > Accessories, then right click on "Command Prompt", then select "Run As Administrator". Once command prompt window is open, you can enter these commands.

```
bcdedit /create {D3DCE997-7447-41FC-9740-A8D20EE3BF55} /d "Ubuntu VHD Boot" /application
BOOTSECTOR
bcdedit /set {D3DCE997-7447-41FC-9740-A8D20EE3BF55} device partition=C:
bcdedit /set {D3DCE997-7447-41FC-9740-A8D20EE3BF55} path vbootldr.mbr
bcdedit /displayorder {D3DCE997-7447-41FC-9740-A8D20EE3BF55} /addlast
bcdedit /timeout 30
```

5 Install on Linux

On Linux systems, there is no need to install VBoot Loader. Instead, you only need to add an entry to your current boot loader so the Linux VHD can be booted.

5.1 Configure GRUB2

You can edit the GRUB2 config file, /boot/grub/grub.cfg, using any text editor, and insert an entry like the following:

```
menuentry "VHD Ubuntu, Linux 2.6.32-21-generic" {
  linux (hd0,1)/ubuntu-1004/vmlinuz-2.6.32-21-generic root=/dev/sda1
  vloop=/ubuntu-1004/ubuntu-1004-desktop-i386.vhd quiet splash
  initrd (hd0,1)/ubuntu-1004/initrd.img-2.6.32-21-generic
}
```

There are some subtle differences between Linux and Windows host. On Windows where our GRUB2 module, vhd.mod, is available, you can configure GRUB2 to load the Linux kernel and initrd from the exactly same vhd file, whereas on Linux systems, the kernel and initrd are separate files residing externally. In other words, on Windows, it's strictly only one vhd file is required; whereas on Linux, 3 files (kernel, initrd, vhd) are required. We will try to make the vhd.mod module to support Linux file system soon.

Obviously, you need to change the paths depending on the directory to which the kernel, initrd and vhd files are extracted.

The path (hd0,1) indicates hard disk 0 and partition 1, with the rest is the absolute path in UNIX format. For example, if your vhd file is inside a folder called 123 on an external USB disk, then you need to change this path to something like (hd1,1)/123/ubuntu-1004-desktop-i386.vhd. The path immediately

after vloop= should be the same absolute path without the disk number and partition number.

The root path is the Linux device name for the disk where the vhd file resides. The number is the partition number, and the letter 'a', 'b', 'c', etc, represents which disk. For (hd0,1), the name would be /dev/sda1; For (hd1,1), it would be /dev/sdb1; For (hd2,4), it would be /dev/sdc4, etc.

5.3 Configure Legacy GRUB

For GRUB 0.97 and similar, you can add an entry to your GRUB config file, /boot/grub/menu.lst, using any text editor, and insert an entry like the following:

```
title VBoot - Ubuntu VHD Boot
kernel /boot/ubuntu-1004/vmlinuz-2.6.32-21-generic root=/dev/sda1
vloop=/boot/ubuntu-1004/ubuntu-1004-desktop-i386.vhd quiet splash
initrd /boot/ubuntu-1004/initrd.img-2.6.32-21-generic
quiet
```

Obviously, you need to adjust the paths according to your own locations for the Linux kernel, initrd and vhd file.

5.4 Configure other Boot Loaders

We haven't tested other Linux boot loaders, such as LILO and SYSLINUX, but they may work as well. The important thing is to add vloop= argument to the Linux kernel line:

```
root=/dev/sda1 vloop=/boot/ubuntu-1004/ubuntu-1004-desktop-i386.vhd
```

The above tells where to locate the vhd file.

6 Making your own Linux VHD File

If you want to make your own Linux VHD file to boot, right now you can do so only if your Linux kernel version is compatible with Ubuntu 9.10 or 10.04. After we release the source code, you can create VHDs by yourself for all Linux kernel versions.

Follow the following steps:

1) Download and install VMLite Workstation.

2) Create a VHD virtual disk file, for example, you can run the following command to create a vhd file with disk capacity of 100G:

```
VBoxManage createhd --format vhd --filename ubuntu-1004-desktop-i386.vhd -size 102400
--remember
```

3) Create a vm, attach the VHD file created from step 2), boot the vm using Ubuntu 9.10 or 10.04 32-bit CDROM, and install Ubuntu inside the vm.

3) After the VHD is ready, you download an initrd file from us, and you will be able to boot the vhd.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by Medox - 2010/05/03 05:11

awesome!

thanks.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/03 16:48

The 64-bit version of Ubuntu 10.04 VHD is also available now for downloading

=====

Re:Ubuntu 10.04 VHD available for download

Posted by srazi - 2010/05/04 08:20

Hi,
I can't boot my created ubuntu-10.04 VHD! I attached a photo from my laptop screen that shows boot error.
what's the problem?!

I'm sure that problem is not from my boot options, because I use "MobaLiveCD_v2.1.exe" from my windows installation and then by "Run the LiveUSB" option and select laptop boot partition and then select boot option for ubuntu-10.4 I can boot ubuntu-10.04 VHD!!!!!!

http://www.vmlite.com/images/fbfiles/images/vboot_ubuntu_1004_failure.jpg

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/04 08:28

Ok, we know this issue, due to some synchronization problem. I will try to post a new initrd for you to try. a couple of hours.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by srazi - 2010/05/04 08:32

:woohoo:
Thanks you

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/04 10:09

I have updated the setup files

<http://www.vmlite.com/index.php/download/appliances/28-ubuntu-1004-setup-files/download>

inside the .7z file, there is a modified initrd that should work now.

You can try to modify to use this new initrd, e.g.

```
menuentry "VHD Ubuntu 10.04, Linux 2.6.32-21-generic" {
  insmod vhd
  vhd vhd0 (hd1,1)/appliances/ubuntu-1004/ubuntu-1004-desktop-i386.vhd --partitions
  linux (vhd0,1)/boot/vmlinuz-2.6.32-21-generic root=/dev/sdb1
  vloop=/appliances/ubuntu-1004/ubuntu-1004-desktop-i386.vhd quiet splash
  initrd (hd1,1)/appliances/ubuntu-1004/initrd.img-2.6.32-21-generic
}
```

Once you boot to ubuntu, you can replace the initrd inside ubuntu /boot dir. Then use the original grub entry for initrd,

```
initrd (vhd0,1)/boot/initrd.img-2.6.32-21-generic
```

I will also update the .vhd file once you confirm this initrd works on your pc.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by Medox - 2010/05/04 16:51

i really love the idea of having ubuntu booting from usb, normal (from hdd) and from vmware & co. maybe it sounds to optimistic but this is the future.

the greatest thing would be to have some nice tutorials/wikis to make it work for ANY distro out there. and of course windows, mac, anything... someday.

i already deleted my 15gb ubuntu partition. it's much better to have access to it in a couple of seconds, within windows and leave the consuming stuff for the next boot-up.

p.s. the revolution will be virtualized! B)

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/04 18:08

Thanks. Thye current linux VHDs should work well as a virtual machine too. You need to convert the .vhd file to .vmdk to run via vmware.

By the way, have you tested the new initrd? does it fix the problem you reported earlier? (to Srazi)

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/04 19:58

check grub.cfg file, if you see two quotes together, e.g., ""Ubuntu ..."", need to remove one pair of quotes. There was an error in our initial setup.exe

=====

Re:Ubuntu 10.04 VHD available for download

Posted by srazi - 2010/05/04 21:03

Hi,
I'm sorry for my late response. :(
It works fine. :)
but, there is a little problem,
I don't see graphical startup, last thing that I see is like VDOpen() and after seconds I see gdm login screen.

Also I have a problem with time setting!(this problem was present with ubuntu-9.10 VHD!) I don't know it's because of using VHD on two computers (virtual and physical) or another things!?

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/04 22:14

that's weird. Can you login? as "user/welcome"

Time settings seems to be troublesome. I got the problem too. After booting ubuntu, Windows time gets changed.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by srazi - 2010/05/04 22:22

okay, its boot fast enough, maybe is not 10s but less than 20s.

Re:Ubuntu 10.04 VHD available for download

Posted by Merdocx - 2010/05/04 22:46

the time settings was a trouble for me too, it is because windows recognizes the system clock as the current location time, and ubuntu recognizes it as GMT and changes according to the location u selected.

try making the current location in ubuntu as home.

that is click time -> click locations -> click edit and add your home in the locations,

now go click time -> locations and you will see your home there, how ever you should make it home now, you can do this by moving your mouse over your home location and click set.

I guess that should work, i went through a series of steps to fix this issue, try google if it doesn't work

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/04 23:04

Thanks for the tip, will try.

Re:Ubuntu 10.04 VHD available for download

Posted by srazi - 2010/05/04 23:28

Thanks Merdocx,

I googling it and found this useful page:

<https://help.ubuntu.com/community/UbuntuTime>

I modify "/etc/default/rcS" and it works for me.

Re:Ubuntu 10.04 VHD available for download

Posted by Medox - 2010/05/05 09:11

admin wrote:

Thanks. Thye current linux VHDs should work well as a virtual machine too. You need to convert the .vhd file to .vmdk to run via vmware.

mine works without any conversion. i just add a hdd manually (selecting that it already exists) and after i select to view "all files" in the directory i take the .vhd.

works great this way. within vmware player it runs really fast. in vmware workstation it runs slower :dry:

Re:Ubuntu 10.04 VHD available for download

Posted by naviretlav - 2010/05/09 03:48

Can we get Kubuntu 10.4 VHD for download ?
Or maybe even big multi version with kde, flux, xface, gnome on one VHD ?
And second micro version of ubuntu without any apps and graphic interface ?

Re:Ubuntu 10.04 VHD available for download

Posted by truthseeker57 - 2010/05/09 04:29

Hi Medox my recommendation would be Ubuntu Studio x64 bit version and Linux Mint x64. Would it be possible to do builds of these please? I feel that both these builds are very comprehensive, and come fully featured for their respective tasks.
Thank you for all the work you are doing, :) I think it is really beneficial to the community and to anyone presently tied to Windows for whatever reason, as well as for those who have software or drivers limited to specific versions of Windows. It is also a relatively pain-free introduction to other OSs.

David

Re:Ubuntu 10.04 VHD available for download

Posted by newprouser - 2010/05/09 06:28

srazi wrote:
http://www.vmlite.com/images/fbfiles/images/vboot_ubuntu_1004_failure.jpg

I'm also getting the same error, but it could be because i've not been able to replace the patched initrd files.

3) After the VHD is ready, you download an initrd file from us, and you will be able to boot the vhd.

which are all the files i've to include / replace and how do i do it ?

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/09 08:34

please use the initrd file from this link:

<http://www.vmlite.com/index.php/download/appliances/28-ubuntu-1004-setup-files>

the initrd inside the vhd is not the latest. we have fixed the above error.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by Merdocx - 2010/05/09 14:59

are you guys releasing the latest intrid i.e 2.6.32-22 for vboot any time soon?

=====

Re:Ubuntu 10.04 VHD available for download

Posted by newprouser - 2010/05/09 22:19

can anyone tell me how to replace the initrd files ? The paste option is disabled if i get root permissions.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/09 22:47

use "sudo cp src_file dst_file"

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/09 23:05

Merdocx wrote:

are you guys releasing the latest intrid i.e 2.6.32-22 for vboot any time soon?

Do you know any Linux distribution use that kernel?

=====

Re:Ubuntu 10.04 VHD available for download

Posted by srazi - 2010/05/09 23:19

admin wrote:

Merdocx wrote:

are you guys releasing the latest intrid i.e 2.6.32-22 for vboot any time soon?

Do you know any Linux distribution use that kernel?

It's a new update for Ubuntu-10.04!

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/09 23:39

ok, should be easy then, since it's Ubuntu

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/17 13:26

We will post a Fedora 12 VHD file to download in next few days.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by fjr115 - 2010/05/23 00:45

Hi
I'm from china.
Can you share the Guest Additions for Ubuntu 10.04?
Thank you.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by latecode - 2010/05/23 05:48

I made a differencing VHD and tested, but I failed to boot. (parent VHD was downloaded Ubuntu VHD)
Is it possible to boot into differencing VHD?

And here is one more thing.
Downloaded Ubuntu VHD file is expanding to 100GB size during booting. (Am I right?)
100GB is too big for my notebook hdd... and the installed Ubuntu actually occupies small disk space only.
Please release a smaller size VHD file next time.

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/23 06:29

differencing vhd won't work with the current version.

The disk does not expand to its maximum capacity during boot. It only grows when disk space is used. In other words, you can use the disk if you have 4G disk space.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by fjr115 - 2010/05/23 07:12

fjr115 wrote:

Hi
I'm from china.
Can you share the Guest Additions for Ubuntu 10.04?
Thank you.

After I install the VBOXADDITIONS_3.1.2 for my Virtual Machine.
The Virtual Machine become unnormal.
So I want you can upload the Guest Additions for Ubuntu 10.04 LTS or give me a link to download.
Thanks.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by latecode - 2010/05/24 16:20

admin wrote:

The disk does not expand to its maximum capacity during boot. It only grows when disk space is used. In other words, you can use the disk if you have 4G disk space.

When I said "Ubuntu VHD file is expanding to 100GB during booting", I meant "Virtually expanding to 100GB"
Actually there must be 100GB free space on hdd to use Ubuntu VHD.
If the free space is less than 100GB, boot will fail.
So please, release smaller size (this means virtual size) VHD please.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/24 17:06

no, you can use the vhd if you have much fewer free space than 100G. I can use the vhd on one of my

laptop which only has 4G free space.

The capacity is 100G, which ultimately expendable to 100G, but it does not expand to that size during boot.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by supaj - 2010/05/25 10:20

Can I create a snapshot of the VHD from a native boot? If yes how is it done?

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/25 10:27

no, not supported yet. We are actively working on it.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by IngAU - 2010/05/27 07:35

Hi everyone,

I usually work on Windows, but a lot of people told me that Ubuntu is a very good OS. So I would like to test it as a virtual machine.

I downloaded 'ubuntu-1004-desktop-i386' and I unzipped the .7z file.

Then I took only the .vhd file and I tried to create a new virtual machine using the downloaded .vhd file (using VirtualPC for Windows 7 64bit).

When I try to start the new virtual machine I can see for a while a bios-like screen and then the application closes.

Am I doing something wrong?

Thank you

Alberto

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/05/27 07:58

It must be to do with the settings. We tried to make the vm work with VMLite/VirtualBox.

You can try to adjust the settings for VPC.

By the way, you don't have to run it as a vm, you can use the VHD file to boot your physical computer.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by srazi - 2010/05/28 02:24

IngAU wrote:
Hi everyone,

I usually work on Windows, but a lot of people told me that Ubuntu is a very good OS. So I would like to test it as a virtual machine. I downloaded 'ubuntu-1004-desktop-i386' and I unzipped the .7z file. Then I took only the .vhd file and I tried to create a new virtual machine using the downloaded .vhd file (using VirtualPC for Windows 7 64bit). When I try to start the new virtual machine I can see for a while a bios-like screen and then the application closes. Am I doing something wrong?

Thank you

Alberto
Hi,
VirtualPc just supports Windows OS.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by carsten987 - 2010/06/04 03:23

Thank You, for this great download. It is nice to have a chance, to try Linux without fragging Your existing filesystems. But I have a problem, installing 3rd party graphics drivers, provided by ATI or Nvidia. If I install them, even with a direct download, or with ubuntu software center, or by activating the hardware drivers, the system becomes unbootable. Sometimes with a kernel panic, or it shows a screen, like shown in screenshots before. What is wrong? :(It seems to me, that after installation of these drivers, the system is unable to mount the required filesystems.... What I can do, to change this? Thanks in advance

Currently, I am downloading the new version of Your 64Bit Ubuntu, and will try this. It is good to know, that the repair of a wrecked ubuntu system take only 10min. Just copy the fresh install over the broken version; but it is a little annoying ;)

Re:Ubuntu 10.04 VHD available for download

Posted by jagflashback - 2010/06/04 07:41

I experienced the same issue when installing ATI drivers in Linux Mint. I think the /boot files are updated or something. Anyway, replacing the files in /boot solved the issue for me.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/04 07:48

Thanks for the report. Updating is a problem we expected, as vboot is not integrated with Linux distributions. If update changes kernel version, or replace the initrd, it will have problems. In order to boot the vhd, the initrd patched with vmlite must be used.

When you install a graphic driver, it most likely changes the initrd. If you know the exact changes, you can manually add changes to the vboot ready initrd, then it will work.

We will test this.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by carsten987 - 2010/06/04 15:38

Thanks for reply!
So far, I will forget about 3rd party graphics drivers

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/07 18:55

the 10.04 vhd has been updated:

www.vmlite.com/index.php/download/applia...ubuntu-1004/download

you should be able to install wireless network, video drivers, etc., and the vhd will boot.

It won't work if you update to a different linux kernel version.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by jagflashback - 2010/06/08 00:58

Hello! Can you give an instruction on how to do this for Linux Mint 9 also?

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Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/08 07:29

it needs to patch quite some files. I will see if we can upload a pre-installed Mint 9 VHD.

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Re:Ubuntu 10.04 VHD available for download

Posted by jagflashback - 2010/06/09 08:11

Thanks a lot! I'm looking forward to it.

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Re:Ubuntu 10.04 VHD available for download

Posted by jagflashback - 2010/06/09 08:11

Thanks a lot! I'm looking forward to it.

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Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/09 15:14

LinuxMint 9 VHD is being uploaded now, I will post a news very soon.

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Re:Ubuntu 10.04 VHD available for download

Posted by ayaena - 2010/06/16 00:32

I downloaded the new version, but it can not be extracted?

the size and md5 does not match?

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/16 00:44

Can you use <http://www.slavasoft.com/HashCalc> to calculate the MD5 of your downloaded .7z file? and check if it matches ours.

There are quite some downloads of the file, so I assume it should be valid. It's possible that your download has been corrupt.

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Re:Ubuntu 10.04 VHD available for download

Posted by ayaena - 2010/06/16 01:06

I try, and the file i get is 648mb, not 633mb, i also download fedora-13, mint-9, their size doesnt match, too. And they all can not be extracted.

why i get a different size from the web site provide?

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/16 08:15

you are right, the file size displayed on our website are incorrect, which were the sizes for the first version. We will correct them.

You should check the MD5.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by ayaena - 2010/06/16 19:14

i try to download again, find that ubuntu-1004.7z , mint-9.7z , fedora-13.7z , ubuntu-1004-64.7z ,the four files still can't be be extracted, the files are corrupted, please check.

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Re:Ubuntu 10.04 VHD available for download

Posted by ayaena - 2010/06/16 19:16

the files are corrupted, i can't extract them and check the md5

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Re:Ubuntu 10.04 VHD available for download

Posted by ayaena - 2010/06/16 19:17

the files are corrupted, i can't extract them and check the md5

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Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/16 19:37

Even the small setup file?

I tried a few times, and all work fine. You may want to use a download manager to download these files, in case http went broken in between.

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Re:Ubuntu 10.04 VHD available for download

Posted by ayaena - 2010/06/16 19:53

the small file work fine ,i say the vhd files can't be extracted, i use theworld browser, i'll try firefox the third time

=====
Re:Ubuntu 10.04 VHD available for download

Posted by supaj - 2010/06/17 12:26

Do I need both the Kernel and Initrd from vmlite.com to boot the Ubuntu VHD or can I boot it with the original kernel from Ubuntu and vmlite's Initrd?

=====
Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/06/17 12:31

only the initrd. The kernel is not modified at all. But make sure you have the same version for the kernel that our initrd supports. If you use the initrd for a different version, it may not work. We will post more initrd files for different versions of kernels in the near future.

Re:Ubuntu 10.04 VHD available for download

Posted by supaj - 2010/06/17 12:34

WOw! Great stuff. Thanks.

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Re:Ubuntu 10.04 VHD available for download

Posted by opr01 - 2010/07/15 23:44

default login account?

Hi,
I boot "Ubuntu 10.04 VHD" via VMLITE and now it is waiting on login screen. I cannot find user/passwd which is built-in.

Franci

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/07/15 23:54

It's user/welcome

stated in the readme.html file

=====

Re:Ubuntu 10.04 VHD available for download

Posted by opr01 - 2010/07/16 00:47

thx a lot. it is in html, indeed. how could i missed it; must be this awful heat :)

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Re:Ubuntu 10.04 VHD available for download

Posted by Merdocx - 2010/07/24 12:13

Will you be updating to the latest intrid anytime soon for ubuntu

=====

Re:Ubuntu 10.04 VHD available for download

Posted by sergei90210 - 2010/09/30 06:13

How can I use this VHD in VMLite Workstation? I tried to use it but all I got was a black screen with an underscore on the top left corner

Sergei

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/09/30 08:43

sergei90210 wrote:

How can I use this VHD in VMLite Workstation? I tried to use it but all I got was a black screen with an underscore on the top left corner

Sergei

there are 2 ways:

- (1) automatic - after download the .7z file, unzip it, then double click the .mop file (MyOldPCs file), a vm will be created and launched.
- (2) manual - you need to create a new vm with Ubuntu 32 bit as guest OS, then attach the .vhd as its disk.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by sergei90210 - 2010/09/30 14:58

How do I open the MyOldPC file in VMLite Workstation? When I do #2, it gives me the black screen I talked about before

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/09/30 18:31

sergei90210 wrote:

How do I open the MyOldPC file in VMLite Workstation? When I do #2, it gives me the black screen I talked about before

I thought I already mentioned it, double click the .mop file, and it will automatically import to vmlite as a

vm.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by sergei90210 - 2010/09/30 20:24

admin wrote:

sergei90210 wrote:

How do I open the MyOldPC file in VMLite Workstation? When I do #2, it gives me the black screen I talked about before

I thought I already mentioned it, double click the .mop file, and it will automatically import to vmlite as a vm.

When I double click the .mop file it gives me that screen that says to either choose a web service to find the program to open this file with or to browse for a program. So then I chose VMLite Workstation but when I open the file in VMLite it just opens up the workstation and nothing else happens. Do I need to install anything else before opening the .mop file?

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/09/30 20:32

did you install 3.1.2 or later? If installed correctly, VMLite Workstation should recognize .mop file.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by sergei90210 - 2010/09/30 20:46

admin wrote:

did you install 3.1.2 or later? If installed correctly, VMLite Workstation should recognize .mop file.

I do have 3.1.2

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/09/30 21:14

There were a few updates for 3.1.2. Most likely, you 3.1.2 was not the correct build. (Sorry that we used exact same version, but released some updates)

=====
Re:Ubuntu 10.04 VHD available for download

Posted by gosheto - 2010/10/04 13:47

Hi,

first please excuse me for my eblish.

Today i try to run ubuntu-1004-desktop-amd64.vhd without success.
Does VBoot can boot vhd placed into raid array (raid 0) ?

I have 3 physical HDD :
hdd0 - hd0,0 - System reserved by my Windows Server R2
hd0,1 - System Volume C:
hdd1 - hd1,0 - Volume D: array raid 0

If .vhd is placed in volume D: (array 0) after select from VBoot menu
"VHD Ubuntu 10.04, Linux 2.6.32-21-generic", he told me that
can`t mount /root ...
can`t find .vhd in /home.... .vhd

OK, now i move .vhd to C: (non array volume) .. run setup64.exe .. and
reboot. After select to boot Ubuntu all looks good (Ubuntu start load)
.. but after 10-15 sec. my monitor just turn off .. my graphic card is
ATI Radeon 4870x2.

Can you help me?

Thank you in advance!!

=====

Re:Ubuntu 10.04 VHD available for download

Posted by alleey - 2010/10/04 19:14

Didnt work for me. I used 64 bit version on Win7 Ultimate 64bit but got the error that was something like
"you need to install the kernel first..."

=====

Re:Ubuntu 10.04 VHD available for download

Posted by malice05 - 2010/10/10 10:26

alleey wrote:

Didnt work for me. I used 64 bit version on Win7 Ultimate 64bit but got the error that was something like
"you need to install the kernel first..."

I'm running W7 Ultimate 64bit too.

Are you running any (Intel FakeRaid) Raid disks?

I first had the VHD on a third partittion on the Raid disk and got the error. I had to move the VHD to a second drive which is not Raid. I then I had another problem..... it could find sdb1/boot to load the kernel

Setup64 saw the setup saw the Raid drive (disk 0) and my second drive (disk 1) and calculated the Linux dev as sdb1 for the kernel. However, the Grub/Linux cannot recognise the raid and sees the raid drive as 4 x individual drives. I changed sdb1 to sde1 in the grub.cfg and I got the 64bit Ubuntu to boot.

It booted to a corrupted screen because my NVIDIA card is a GTX260 and won't handle the VGA mode. nomodeset obviously gets me a command line. I don't know what to do!

How do I get the VHD to display correctly on my Grfx card?

=====

Re:Ubuntu 10.04 VHD available for download

Posted by admin - 2010/10/10 10:53

I wonder if you can try to boot to text screen, then change XDisplay settings.

Or mount the vhd file on another linux system, then try to adjust the X settings to be super VGA.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by csr10100001 - 2010/10/10 18:56

Ubuntu 10.10 is out, I'm wondering when the Vboot Appliance will be released :)

=====

Re:Ubuntu 10.04 VHD available for download

Posted by alleey - 2010/10/11 00:53

>>Are you running any (Intel FakeRaid) Raid disks?

Not at all. My HD is Western Digital Black Caviar 1 TB, with four partitions C,D,E,F. C is the system partition and E is a Primary partition. I put it on a folder in E and the partition detected was hd2.

Didnt do anything fancy, other than extract and run setup64.exe so I dont know what got messed up.

=====

Re:Ubuntu 10.04 VHD available for download

Posted by malice05 - 2010/10/11 09:11

alleey wrote:

>>Are you running any (Intel FakeRaid) Raid disks?

Not at all. My HD is Western Digital Black Caviar 1 TB, with four partitions C,D,E,F. C is the system partition and E is a Primary partition. I put it on a folder in E and the partition detected was hd2.

Didnt do anything fancy, other than extract and run setup64.exe so I dont know what got messed up.

Unless I'm mistaken, a single drive with 4 partitions and your file on "E" should be sda3 (hd0,2) shouldn't it?

<http://ubuntuforums.org/showthread.php?t=282018>

Check your c:\boot\grub\grub.cfg file....

```
menuentry "VHD Ubuntu 10.04 64-bit, Linux 2.6.32-21-generic" {
  insmod vhd
  vhd vhd0 (hd0,2)/ubuntu-1004-64/ubuntu-1004-desktop-amd64.vhd --partitions
  linux (vhd0,1)/boot/vmlinuz-2.6.32-21-generic root=/dev/sda3
  vloop=/ubuntu-1004-64/ubuntu-1004-desktop-amd64.vhd quiet splash
  initrd (vhd0,1)/boot/initrd.img-2.6.32-21-generic
}
```

Re:Ubuntu 10.04 VHD available for download

Posted by davidsems - 2010/10/21 13:27

How do you do this?
