

## VBoot v1.1 released

Posted by admin - 2011/02/15 00:33

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VBoot version 1.1 is available for download.

<http://www.vmlite.com/index.php/download/38-vboot>

Instructions:

<http://www.vmlite.com/vboot/instructions.html>

Change Logs:

(1) All features are available, current trial version expires on May 15-2011

(2) add floppy\_b= option to add 2nd floppy disk emulation, this should be very useful to load a 3rd party SCSI floppy for XP/2003 installation.

(3) add recover\_mbr option to delete VBoot mbr after VBoot Loader is loaded once.

(4) fix a bug that displays only two snapshots in boot menu

(5) fix a bug that original MBR is replaced when installing Vista/Windows 7/2008

(6) many other misc fixes.

Update the current virtual disk files:

### 13. Updating VBoot

If you already have a working virtual disk file and want to update to the latest VBoot drivers, you only need to update one driver file (vbootdisk.sys, vboot SMP.sys or vbootstor.sys).

There are two ways of doing this, automatic or by hand.

Update by command

The first and recommended way is to use "vbootctl update" command, as described below:

```
vbootctl update current
vbootctl update virtual_disk_file
```

The first is used to update the current running Windows instance if it's booted from a virtual disk file, whereas the 2nd is used to update a virtual disk file that is offline.

Update by hand

The second way is to do it manually. If your computer is currently booted using the virtual disk file that you want to update, you can simply copy the driver to overwrite the current version, for example,

```
copy D:\vboottools\x86\drivers\vbootdisk\vbootdisk.sys c:\windows\system32\drivers
```

If your virtual disk file is not current running, you will have to mount it first, then copy the driver file, for

example,

D:vboottoolsx86vbootctl mount c:pathyour.vhd

copy D:vboottoolsx86driversvbootdskvbootdsk.sys Z:windowssystem32drivers

D:vboottoolsx86vbootctl umount Z:

On Windows Vista, Windows 7 and Windows 2008, you may get a message complaining device driver not installed successfully after updating, you can get rid of this message by running the following command after booting to the virtual disk file.

D:vboottoolsx86vbootctl dp\_add default

The above examples assume Windows XP 32-bit is installed inside the virtual disk file, so vbootdsk.sys is copied. For other operating systems, you need to copy different driver files:

Windows 2000 (32-bit) uses vboottoolsx86driversvbootdsk-w2kvbootdsk.sys

Windows XP (32-bit) uses vboottoolsx86driversvbootdskvbootdsk.sys

Windows 2003 (32-bit) uses vboottoolsx86driversvbootdskvbootdsk.sys

Windows Vista, Windows 7 and Windows 2008 (32-bit) use vboottoolsx86driversvbootstorvbootstor.sys

Windows XP, Windows 2003 (64-bit) uses vboottoolsamd64driversvbootdskvbootdsk.sys

Windows Vista, Windows 7 and Windows 2008 (64-bit) use

vboottoolsamd64driversvbootstorvbootstor.sys

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## Re: VBoot v1.1 released

Posted by Roche - 2011/02/15 01:35

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Does this version have added support for linux? I remember you saying that it would. If it does is it any different from using it before?

Roche

=====

## Re: VBoot v1.1 released

Posted by ppslimmod - 2011/02/15 05:19

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Hi,

I'm very interested in vBoot. I just installed it on the HDD of my old Laptop, I just connected it with my new Laptop.

So I'm just having the vBoot installation on it.

It's very good, that I can make Snapshots very easily and Backups are just Drag&Drop. So all in all, I'm very, very, very happy!

So, I'm having the trail version for now, but I'm interested in buying your Software.

Where can I buy it and is there any promotion for students? I could send you a valid copy of my

student-card.

Thanks a lot,

Niklas

PS: Sorry for my Englisch...

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## Re: VBoot v1.1 released

Posted by Vortex - 2011/02/15 05:44

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Hello,

Here is my VBoot V1.1 test report.

Trying to install Windows 2000 SP4 on a raw ( .img ) image file, I got a BSOD displayin the error 7B : INACCESSIBLE\_BOOT\_DEVICE :

```
menuentry "Win 2000 Install Step 2" {
  vboot harddisk="(hd0,1)/testhd.img" cdrom=(hd0,1)/Win2000.iso boot=harddisk
}
```

```
menuentry "Win 2000 Install Step 1" {
  vboot harddisk="(hd0,1)/testhd.img" floppy=(hd0,1)/vboot/vboot-2k.img cdrom=(hd0,1)/Win2000.iso
  boot=cdrom
}
```

Installing Windows XP with the appropriate grub.cfg file on the same raw image is fine but the vboot loader displays always this error message before booting XP : "error: biosdisk read error" The virtual XP installation boots and operates correctly. I got the same biosdisk error during the Windows 2000 installation test.

testhd.img created with the command vbootctl.exe createhd ( /format raw specified )

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## Re: VBoot v1.1 released

Posted by admin - 2011/02/15 10:33

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Linux and Windows shares the same vboot loader, so the loader portion is ready, we will roll out the Linux kernels in coming weeks.

Rochey wrote:

Does this version have added support for linux? I remember you saying that it would. If it does is it any different from using it before?

Rochey

=====

**Re: VBoot v1.1 released**

Posted by admin - 2011/02/15 11:22

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for those of you who wants to read some technical overview, here it is:

<http://www.vmlite.com/index.php/products/vboot/technical-background>

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**Re: VBoot v1.1 released**

Posted by b\_oberon - 2011/02/15 11:51

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Have you fixed the Windows 7 boot speed issue in the new release?

=====

**Re: VBoot v1.1 released**

Posted by admin - 2011/02/15 11:53

---

no, not in this release. We are trying to improve it, will post when ready.

b\_oberon wrote:

Have you fixed the Windows 7 boot speed issue in the new release?

=====

**Re: VBoot v1.1 released**

Posted by MagicAndre1981 - 2011/02/15 12:03

---

use xbootmgr to trace this. If you need help, ask. I wrote the guide on msfn and I'm using xbootmgr often.

Have you fixed the Drive D issue for Vista VHDs and my bug check I send you?

=====

**Re:VBoot v1.1 released**

Posted by bot12345 - 2011/02/15 12:05

---

how to use restore\_mbr ?

```
vbootedit.exe install /drive C: /mbr  
vbootedit.exe create title="my entry" cdrom=c:my.iso boot=cdrom recover_mbr  
don't remove vboot
```

---

## Re: VBoot v1.1 released

Posted by admin - 2011/02/15 12:06

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Andre,

Thanks, I got your guide, very helpful.

MagicAndre1981 wrote:

use xbootmgr to trace this. If you need help, ask. I wrote the guide on msfn and I'm using xbootmgr often.

Have you fixed the Drive D issue for Vista VHDs and my bug check I send you?

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## Re: VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/15 12:09

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are my 2 things fixed with 1.1?

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## Re:VBoot v1.1 released

Posted by admin - 2011/02/15 12:10

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Can you check if your grub.cfg file indeed has recover\_mbr option. It is possible vbootedit.exe didn't insert it correctly. You can do it manually by editing grub.cfg:

```
menuentry "my entry"  
{  
  vboot cdrom=c:my.iso boot=cdrom recover_mbr  
}
```

bot12345 wrote:

how to use restore\_mbr ?

```
vbootedit.exe install /drive C: /mbr  
vbootedit.exe create title="my entry" cdrom=c:my.iso boot=cdrom recover_mbr  
don't remove vboot
```

### Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/15 12:24

---

3rd time. is the Drive D and the bugcheck fixed?

=====

### Re:VBoot v1.1 released

Posted by bot12345 - 2011/02/15 12:25

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recover\_mbr it's not added to grub.cfg  
hope in a instant fix to avoid the manual entry.

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/02/15 12:42

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I am afraid not, I couldn't reproduce that bugcheck error. We did something on that portion of code, but not sure if it fixed it.

For drive Vista D: problem, not easy to fix, need to change lots of registry key. You said you have problems installing from physical cdrom or ISO? if you install Vista that way, it will go to C:

MagicAndre1981 wrote:

3rd time. is the Drive D and the bugcheck fixed?

=====

### Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/15 12:46

---

ISO and DVD doesn't work. Only the WIM to VHD way works. This is also the way I create my Windows7 VHD (with the WIM2VHD script).

When I use the Windows 7 WIM the drive is C. Why is it different in Vista?

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/02/15 12:58

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Vista WIM has hard coded paths using D: in its registry key. We will try to find a way to change that, then will work.

What is the error when installing from ISO/CDROM? always works here.

MagicAndre1981 wrote:

ISO and DVD doesn't work. Only the WIM to VHD way works. This is also the way I create my Windows7 VHD (with the WIM2VHD script).

When I use the Windows 7 WIM the drive is C. Why is it different in Vista?

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/02/15 13:00

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right, for now, vbootedit.exe does not take these extra agrs, will improve it to take them and append it to vboot command.

bot12345 wrote:

recover\_mbr it's not added to grub.cfg  
hope in a instant fix to avoid the manual entry.

=====

### Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/15 13:02

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admin wrote:

Vista WIM has hard coded paths using D: in its registry key. We will try to find a way to change that, then will work.

interesting fact.

admin wrote:

What is the error when installing from ISO/CDROM? always works here.

CD/DVD driver is missing.

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/02/15 13:04

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Then it should at least work from a physical cdrom.

Boot from a physical cdrom, then run vbootctl command:

<http://www.vmlite.com/vboot/instructions.html#vista-7-from-cdrom>

MagicAndre1981 wrote:

admin wrote:

Vista WIM has hard coded paths using D: in its registry key. We will try to find a way to change that, then will work.

interesting fact.

admin wrote:

What is the error when installing from ISO/CDROM? always works here.

CD/DVD driver is missing.

=====

### Re:VBoot v1.1 released

Posted by Vortex - 2011/02/15 13:16

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Hello,

I tried again installing Windows 2000 on a raw image file hosted by another computer. The result is the same BSOD with the error code 7B. Could the development team of vboot have a look at this problem?

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/02/15 13:20

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Thanks, yes, we will test more on w2k.

So far, the majority of tests on 2k is cloning from an already installed system to a vhd, then use "vbootctl prepare" to make it bootable.

Vortex wrote:

Hello,

I tried again installing Windows 2000 on a raw image file hosted by another computer. The result is the same BSOD with the error code 7B. Could the development team of vboot have a look at this problem?

=====

### Re:VBoot v1.1 released

Posted by Vortex - 2011/02/15 13:25

-----



Thanks for evaluating my report and for the info.

=====

### Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/15 13:27

---

admin wrote:

Then it should at least work from a physical cdrom.

Boot from a physical cdrom, then run vbootctl command:

<http://www.vmlite.com/vboot/instructions.html#vista-7-from-cdrom>

ok, I try it out. Hopefully I have a DVD-RW somewhere.

=====

### Re:VBoot v1.1 released

Posted by krman - 2011/02/15 17:01

---

The 1.1 version still can't resolve ATI driver conflicted-issue.

Although ,I set vbootcore\_addr=6400000

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/02/15 18:12

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you are right, v1.1 has no fix yet for ATI card. We tested a few ATI cards, and works.

Can you give more details on the card? at which stage XP VHD crashed?

krman wrote:

The 1.1 version still can't resolve ATI driver conflicted-issue.

Although ,I set vbootcore\_addr=6400000

=====

### Re:VBoot v1.1 released

Posted by Hjanos95 - 2011/02/16 07:40

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What about the trial version?  
Will you release the extended trial version again after 15 May?  
Or what are the limitations of the free version?

=====

## Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/16 10:02

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admin wrote:  
Then it should at least work from a physical cdrom.

Boot from a physical cdrom, then run vbootctl command:

<http://www.vmlite.com/vboot/instructions.html#vista-7-from-cdrom>

doesn't work. I can select the partition but I get the following message (translated from German):  
there is no system volume found which meets the install criteria. I gave it up.

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/16 12:28

---

did you run "vbootctl mount your.vhd /setup" after booting from cdrom?

did you see the virtual disk?

MagicAndre1981 wrote:  
admin wrote:  
Then it should at least work from a physical cdrom.

Boot from a physical cdrom, then run vbootctl command:

<http://www.vmlite.com/vboot/instructions.html#vista-7-from-cdrom>

doesn't work. I can select the partition but I get the following message (translated from German):  
there is no system volume found which meets the install criteria. I gave it up.

=====

## Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/16 14:32

---

admin wrote:

did you run "vbootctl mount your.vhd /setup" after booting from cdrom?

did you see the virtual disk?

yes, I run the 2 commands to create and mount the VHD.

How do I update the old VHDs to vboot 1.1?

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/16 14:41

---

for vista, when you choose a virtual disk, click New on the bottom, then select it to install Windows Vista

The instructions html has a section on updating.

vbootctl update your.vhd

or inside booted vhd: (recommended way)

vbootctl update current

MagicAndre1981 wrote:

admin wrote:

did you run "vbootctl mount your.vhd /setup" after booting from cdrom?

did you see the virtual disk?

yes, I run the 2 commands to create and mount the VHD.

How do I update the old VHDs to vboot 1.1?

=====

## Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/16 15:44

---

admin wrote:

for vista, when you choose a virtual disk, click New on the bottom, then select it to install Windows Vista

I did this and after doing it I get the message at the button of the Setup window.

=====

## Re:VBoot v1.1 released

Posted by bot12345 - 2011/02/17 08:15

---

how to install VBoot Loader directly to a hard disk with win 7 service partion?  
vbootedit.exe install /drive C: /mbr  
don't work.  
it look for hd0,0  
win 7 C: is hd0,2  
after waiting, it try next partion, find the grub.cfg and hangs on memory address 00090000.

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/17 10:50

---

By default, it installs to the boot partition (i.e., system partition), which is usually different from Windows partition. Can you check if Windows 7 bootmgr (and Boot) are also in (hd0,1)? where is vboot folder installed?

00090000 error is due to other boot loader? do you have another loader such as Grub4Dos?

bot12345 wrote:

how to install VBoot Loader directly to a hard disk with win 7 service partion?  
vbootedit.exe install /drive C: /mbr  
don't work.  
it look for hd0,0  
win 7 C: is hd0,2  
after waiting, it try next partion, find the grub.cfg and hangs on memory address 00090000.

=====

## Re:VBoot v1.1 released

Posted by bot12345 - 2011/02/17 11:41

---

direct vboot install need a drive letter i.e. C:  
in win 7 C: is not the system partion.  
bootmgr (and boot) are in the hidden recovery partion (100mb) - no drive letter.  
Error 00090000 will be for this reason i suppose. This is an plain installation of win 7.

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/17 11:48

---

no, you don't need c:, just do this:

vbootedit.exe install /mbr

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/17 12:03

---

Make sure you have used /setup option, can you double check that?

MagicAndre1981 wrote:

admin wrote:

did you run "vbootctl mount your.vhd /setup" after booting from cdrom?

did you see the virtual disk?

yes, I run the 2 commands to create and mount the VHD.

How do I update the old VHDs to vboot 1.1?

=====

## Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/02/17 16:06

---

admin wrote:

Make sure you have used /setup option, can you double check that?

I'm 1000% sure. I printed the doc and checked it 10 times. I created several new VHDs (different locations, different size) and tried it.

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/17 16:21

---

OK, I will test it again. We never got errors when installing from cdrom or iso files

MagicAndre1981 wrote:

admin wrote:

Make sure you have used /setup option, can you double check that?

I'm 1000% sure. I printed the doc and checked it 10 times. I created several new VHDs (different locations, different size) and tried it.

=====  
**Re:VBoot v1.1 released**  
Posted by bot12345 - 2011/02/17 23:40

---

admin wrote:  
no, you don't need c:, just do this:

vbootedit.exe install /mbr

did work. :laugh:

=====

**Re:VBoot v1.1 released**  
Posted by bot12345 - 2011/02/18 02:09

---

vboot has problems with some isos?  
the Memtest86+ V4.20 Pre-Compiled Bootable ISO don't boot.  
hang with the errors 00090000

=====

**Re:VBoot v1.1 released**  
Posted by admin - 2011/02/18 22:53

---

00090000 indicates a conflict for boot loaders. We will try to load to a different address in our next version to solve this kind of error. Right now, vboot loader is loaded to 00090000, hard-coded.

bot12345 wrote:  
vboot has problems with some isos?  
the Memtest86+ V4.20 Pre-Compiled Bootable ISO don't boot.  
hang with the errors 00090000

=====

**Re:VBoot v1.1 released**  
Posted by admin - 2011/02/20 23:57

---

VBoot V1.1 binaries updated, fixed a serious bug on booting snapshots.

Before the fix, sometimes got BSOD when a snapshot is booting up.

=====

### Re:VBoot v1.1 released

Posted by chukked - 2011/02/21 23:36

---

Hi,  
It is about 00090000 error  
My motherboard is intel DG35EC (updated to latest bios)  
i made a vBoot usb  
but when i tried to boot my system it gave me 00090000 error  
there is no other loader or anything else  
my system boots from usb and usb has only vBoot  
kindly advice

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/02/21 23:41

---

Make sure you don't go to nested boot, you will get that 00090000 error if you boot your real harddisk again.

For example, if you are booting an iso file, it will ask you to press any key to boot the cdrom. If you forget to press a key, it goes to your hard disk again, and vboot will be re-loaded, and cause 00090000 error.

chukked wrote:  
Hi,  
It is about 00090000 error  
My motherboard is intel DG35EC (updated to latest bios)  
i made a vBoot usb  
but when i tried to boot my system it gave me 00090000 error  
there is no other loader or anything else  
my system boots from usb and usb has only vBoot  
kindly advice

=====

### Re:VBoot v1.1 released

Posted by chukked - 2011/02/21 23:50

---

Thanks for quick reply

it does not go to that level  
as soon as i hit "Windows 7 Install" from vBoot menu it shows 00090000 error

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/22 00:47

---

Did you specify boot=cdrom ?

chukked wrote:  
Thanks for quick reply

it does not go to that level  
as soon as i hit "Windows 7 Install" from vBoot menu it shows 00090000 error[/quot

=====

## Re:VBoot v1.1 released

Posted by chukked - 2011/02/22 01:47

---

I appreciate your help

I have specified boot=cdrom and it is working perfectly fine with vmware but the same usb not working with my board intel DG35EC.

please look at my configuration below -

```
menuentry "Windows 7 Install" {
  vboot harddisk=(hd0,1)/w7DG35EC.vhd cdrom=(hd0,1)/win7x64.iso boot=cdrom
}
vbootedit.exe create title="Windows 7 Install" harddisk=c:w7DG35EC.vhd cdrom=c:win7x64.iso
boot=cdrom
```

```
menuentry "Windows 7 VHD" {
  vboot harddisk=(hd0,1)/w7DG35EC.vhd
}
vbootedit.exe create title="Windows 7 VHD" harddisk=c:w7DG35EC.vhd
```

is there a chance that bios already has occupied address 00090000 as i have nothing on my hdd.

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/02/22 08:43

---

did you see "Press any key to boot from cdrom..."?

usually a new PC does not use 90000 memory.

=====



## Re:best video poker games to play

Posted by chukked - 2011/02/23 04:41

---

no i do not see any press any key to boot from cd...

=====

## Re:VBoot v1.1 released

Posted by maomiaomi - 2011/02/26 10:16

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:( lenovo y450 ,GT240M,after install the vga drives,it will be black screen after Scroll bar and when i use /sos in the boot.ini ,i find that it will be run chkdsk/f everytime

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/03/08 17:17

---

We have fixed this bug, will post a new update after more testing. Thanks for reporting the problem.

maomiaomi wrote:

:( lenovo y450 ,GT240M,after install the vga drives,it will be black screen after Scroll bar and when i use /sos in the boot.ini ,i find that it will be run chkdsk/f everytime

=====

## Re:VBoot v1.1 released

Posted by Natrix - 2011/03/23 18:36

---

Hi admin !

Do you have some news for all of us ?

- linux vboot ?
- windows vboot ?
- vmlite workstation ?

Thank u !

p.s. I love it, vboot :)

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/03/24 08:51

Thanks for asking, we are very busy focusing on the following stuff:

VBoot:

- (1) performance improving
- (2) writeable support on vboot loader phase, to support windows 95/98/Me/DOS, etc.
- (3) exploring RAM boot
- (4) exploring diskless (i.e., network) boot
- (5) USB support
- (6) Linux differencing disks, Andriod, etc.

VMLite XP Mode:

- (1) V4.0, with robust USB support, and other bugs fixes
- (2) remote USB addition via RDP
- (3) a hardware device to allow one physical PC to be used by multiple people, with each person seeing a separate vm with a different keyboard, mouse, display and sound.

[http://www.vmlite.com/index.php?option=com\\_kunena&Itemid=158&func=view&catid=9&id=2308&limit=6&limitstart=24#7513](http://www.vmlite.com/index.php?option=com_kunena&Itemid=158&func=view&catid=9&id=2308&limit=6&limitstart=24#7513)

- (4) VirtualBox plugin for v4 version

VirtualApps Player

- (1) we are about to release the first version of our application virtualization product, which provides a secure sandbox.
- (2) this should be very useful too VBoot users, so you can install apps to a common hard disk to be used by different VHDs.

=====

## Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/05/02 11:22

When do we get a new version? Afair the current version expires in May. Include the Expire date in the doc and in the loader.

Does the WIM to VHD convert now uses C: under Vista? if not is the install issue I have fixed so that I can use the DVD to install Vista into a VHD?

=====

## Re:VBoot v1.1 released

Posted by admin - 2011/05/02 12:08

we've been quiet on vboot release these past several weeks, as we have been working on performance

improvement, and removing open source code (we may decide not to use GRUB2/VBox code due to some license issue). There is no time line yet for next major release.

The new major release will have about same performance as Microsoft VHD driver. The current version uses only one thread, next release will use 16 threads, and start to support mounting nested virtual disks, i.e., a vhd inside a second vhd, which in turn inside a 3rd vhd, etc., and you will be able to mount them at the same time.

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/05/02 12:15

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also working on writeable support for vboot loader at boot stage, so DOS/Windows 3.1/95/98 may start to boot from a vhd.

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### Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/05/02 12:34

---

ok, but when does the current version expire?

have you fixed my Vista issues, too?

=====

### Re:VBoot v1.1 released

Posted by mcfarcw - 2011/05/04 06:29

---

I would like to evaluate the software, but it gives me blue screens. I can't get it set it up to see it would work for me. Can you help?

=====

### Re:VBoot v1.1 released

Posted by Vortex - 2011/06/29 08:02

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Hello,

The issue with Windows 2000 , the BSOD 7B is continuing with the latest release of Vboot :

[http://vmlite.com/index.php?option=com\\_kunena&Itemid=158&func=view&catid=17&id=6846#6858](http://vmlite.com/index.php?option=com_kunena&Itemid=158&func=view&catid=17&id=6846#6858)

Any chance for Windows 2000 installation?

=====  
**Re:VBoot v1.1 released**

Posted by Vortex - 2011/06/29 09:40

---

I tried the method you mentioned in this posting :

[http://vmlite.com/index.php?option=com\\_kunena&Itemid=158&func=view&catid=17&id=6846&limit=6&limitstart=18#6900](http://vmlite.com/index.php?option=com_kunena&Itemid=158&func=view&catid=17&id=6846&limit=6&limitstart=18#6900)

Thanks, yes, we will test more on w2k.

So far, the majority of tests on 2k is cloning from an already installed system to a vhd, then use "vbootctl prepare" to make it bootable.

Cloned a live Windows 2000 system to an .img file ( raw format ) vboot starts to boot the virtual Windows 2000 installation. I can see the Window 2000 boot progress indicator on the screen but some seconds later the BSOD with the 7B code shows itself again.

=====  
**Re:VBoot v1.1 released**

Posted by admin - 2011/06/29 11:53

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are you cloning w2k from a real physical machine? If it's virtual machine, you will have problem running it via vboot. You need to insert mass storage drivers.

We haven't got a chance to look at windows 2000 issues yet. Due to a limitation of its NTFS driver, the current vboot has problems installing 2000 to a vhd. We will investigate it.

=====  
**Re:VBoot v1.1 released**

Posted by Vortex - 2011/06/29 13:37

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Hello,

Yes, I cloned Windows 2000 from a real physical computer. The same W2K installation is copied from the real partition to the virtual partition having the raw format. It would be nice to have full W2K support. Thanks for moving the issue to the investigation agenda.

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**Re:VBoot v1.1 released**

Posted by MagicAndre1981 - 2011/07/14 04:46

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Will we get a new trial?

This is a trial version, which expires on July-15-2011. After expired, Windows virtual disks won't boot, and BSOD will occur.

=====

**Re:VBoot v1.1 released**

Posted by admin - 2011/07/14 09:37

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we will provide a 14-day trial version from now on. The vhd will fail to boot after 14 days. The expiration date will be no longer absolute. So a user can always try it.

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**Re:VBoot v1.1 released**

Posted by qoqodqo - 2011/07/17 04:53

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Please, when it will be released? I mean the 14-day trial version...?

=====

**Re:VBoot v1.1 released**

Posted by admin - 2011/07/18 11:37

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sorry for the delay, we are trying to fix a last minute bug that might cause vhd file to become corrupt at certain conditions.

Hopefully, we can release this version end of this week.

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**Re:VBoot v1.1 released**

Posted by qoqodqo - 2011/07/18 15:08

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OK, thanx for reply ;-)

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**Re:VBoot v1.1 released**

Posted by qoqodqo - 2011/08/04 00:02

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When is the new release date for updated Vboot trial, please (since 2 weeks passed and nothing happened)? :-(

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### Re:VBoot v1.1 released

Posted by siN11 - 2011/08/04 23:20

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When it's done... ^^

=====

### Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/08/06 05:56

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siN11 wrote:

When it's done... ^^

which means 'never' :laugh:

=====

### Re:VBoot v1.1 released

Posted by admin - 2011/08/17 10:24

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Released a maintenance build, that expires on Sep 15, 2011. After that, we will push out v2 for testing.

This build has these changes:

(1) include another boot file "vboot-black-screen" file to be used if you are getting black screens or other boot loader problems. You need to rename this file to "vboot", read more on the readme.html file.

(2) fixed a rare vhd corruption error

=====

### Re:VBoot v1.1 released

Posted by MagicAndre1981 - 2011/08/22 14:27

---

Why is the XP boot loader placed on my real HDD instead of the VHD? I followed exactly the guide. I had to use the Windows 7 DVD to repair the bootloader.

Vista setup from ISO/DVD no longer fails with "CD driver missing", but fails at 76%. I checked the setuperr.log and saw this:

```

2011-08-22 12:28:04, Error    IBS  Callback_PickTempDrive: Failed to collect temp drive
requirements. HRESULT error code
2011-08-22 12:28:38, Error    IBSLIB SetCheckpoint(StartPhaseSystemVolumeSelectedCheckpoint):
threw exception.: class UnBCL::DirectoryNotFoundException: \?C:Boot*: path not found.
void __stdcall UnBCL::File::ThrowWinIOErr(long, const class UnBCL::String *)

```

inside the VHD, the bootloader is also missing. So my does the updated version no longer copies the bootmgr into the VHD?

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## Re:VBoot v1.1 released

Posted by Alfalfa - 2011/08/22 23:09

Is it possible to update grub to 1.99?  
The new version has a good manual.  
And maybe release a version without the hotkeys... so that you can't accidentally push those buttons?!?

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## Re:VBoot v1.1 released

Posted by sambul16 - 2011/09/08 18:36

Suppose I made a VHD backup of an existing Win7 install, and then want to boot Win7 from that VHD on the same PC, or simply mount the VHD after booting to an original Win7 HD. Since Windows can't tolerate several disks with the same disk ID Signature, will it try to change my original disk ID after booting from VHD, or try to change VHD disk ID after mounting it?

What will happen after that - will I be able to boot again from the original HD or VHD after its ID has been changed by Windows and will no longer match the ID recorded in that disk Windows Registry at OS install?

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## Re:VBoot v1.1 released

Posted by huisinro - 2011/09/08 18:46

yes, this is very good question.

Windows doesn't allow two disks to have same disk signature, so you will have to modify it. Windows will automatically modify the signature if a conflict is discovered.

If you mount with vboot, vboot actually restores back the original signature back to vhd after disk is dismounted.

In short, you will have to modify one disk's signature, and also sync it up with the following registry key:

## HKEY\_LOCAL\_MACHINESYSTEMMountedDevices

You can modify either the real hd or the vhd.

=====

### Re:VBoot v1.1 released

Posted by sambul16 - 2011/09/08 18:56

Thanks!

That prompted some other questions:

- If I boot to VHD by using Vboot, my original HD sig will be changed by Windows. Can Vboot return HD Sig back to original at system shutdown or next Win reboot from the HD? The reason is, many users won't be able to do it manually due to lack of skills.

- If I manually modify system HD Sig (by what means?) to avoid the collision, will I be able to boot again from that HD: all I need for that is to update the above Registry key with new Sig - how exactly?

- In that MountedDevices subkey, volume drive letters can change from boot to boot depending on number of disks present and recognized at boot time. Also mounted devices are not easy to recognize. I think, the collision question should be answered in detail in Vboot FAQ, and also such anti-collision solution should possibly be integrated into Vboot. AFAIK, Paragon BR Suite does it quite well at System Volume Restore stage onto a different HD - are there other tools doing it similarly well?

=====

### Re:VBoot v1.1 released

Posted by huisinro - 2011/09/08 20:18

yes, this is not an easy job.

for now, vboot doesn't support this automatically, so you will have to do it by hand. We will try to add the support to MyOldPCs, and potentially provide a little utility to do the work.

If you boot the vhd on the same pc, it will boot to the real hd, if you don't change the disk signature.

you need to update all volumes in MountedDevices registry, search the binary value that matches the current signaure, then change them to the new signature.

the disk signature is the 4-byte integer located in offset 0x1B8 of the first sector of the hard disk.

=====

### Re:VBoot v1.1 released

Posted by sambul16 - 2011/09/09 09:04



Yaah, having integrated the Change Sig feature AND stand alone utility is excellent idea, since it matches the main purpose of using VHDs: for testing, deployment and similar tasks. Lets say one has several large app packages which may conflict with each other if installed together on a single system volume, or require different access privileges. Instead, one can prepare a basic OS install, Backup it and then Restore or Convert to VHD (or use a similar approach to prepare a basic System VHD). Then make a few copies of the VHD, save them on a single HD, boot and install onto each VHD a different package, say CAD or CAE app., or a set of specific drivers. He can later boot from any of these VHDs to run the required app on the same PC, or can use several of them at once by running in different VMs. Of course, he would need to change each VHD Sig before booting from it, so your utility would be handy.

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**Re:VBoot v1.1 released**

Posted by huisinro - 2011/09/09 16:22

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the best approach would be to make vboot to update the disk id insitu if it detects a vhd with the same disk id as host disk. This is not difficult to do inside vboot.

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**Re:VBoot v1.1 released**

Posted by MagicAndre1981 - 2011/09/11 15:13

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this version will expire soon. Any new version? any news why I can't install XP in a VHD and why it overrides the host boot manager?

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**Re:VBoot v1.1 released**

Posted by Melville - 2011/09/22 18:33

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It's now several days past the 1.1 expiry. Can you please put an updated version up ASAP? Like today?

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