

MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 06:29

My first try with MyOldPCs, Version (??? unknown, Pls tell me):

System to convert to a VM:

Windows XP SP2 32-bit

HD: 40 GB

Partition 01: 25 GB, drive: c:, used about 3,86 GB, used for System and programs

Partition 02: 15 GB, drive: d:, used about 2,12 GB, used for user-data

1. Screenshot of execution

Step 01:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_01.PNG

Step 02:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_02-20091214.PNG

Step 03:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_03-20091214.PNG

Step 03 - ERROR / problem 01:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_04.PNG

It IS definitively WRONG that there is not enough free space to store the virtual machine at the target folder !!!

After I've found a workaround for this little bug / slight neglect, I got a "*.vmdk"-file with only 5,41 GB.

I think the error occurs, because checking the size of the old PCs partions and not the used space of the old PCs partions USED space.

The second reason is, I think, checking the free space of the target partition and not the real free space of the target folder.

Upon my test, the target partition had a free space of only about 5 GB, BUT the free space of the target folder had about 40 GB of free space, because the target folder is a junction from a completely empty partition.

Well, my current workaround for this is, to shrink the partions of my old PC to 10 GB for drive c: and 5 GB for drive d:.

Next I extendet the target partion with the junction on it, from 5 GB to 40 GB.

That worked for me for this bug / slight neglect ...

O.K. thats enough for this thread, next problem in the next thread ...

admin, what do you think about this, so far ???

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 10:17

good points. We can fix the error.

But the more critical issue is the virtual disk file may not be mounted from this kind of special folders. That might be the cause of your previous bugs.

Can you post more about how your v:-vml- folder is created? how did you make the junction? to where it points to? etc.

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 11:43

admin wrote:

good points. We can fix the error.

...Thanks, I'll wait and hopefully see ...:)

admin wrote:

...

But the more critical issue is the virtual disk file may not be mounted from this kind of special folders. That might be the cause of your previous bugs.

...

Pls, have a look at:

Add to VML-WS OK but MOP-VM startproblem, Post #487

<http://www.vmlite.com/index.php/forums/10-myoldpcs/481-mops-vadd-to-vml-ws-ok-but-mop-vm-startproblem#487>

admin wrote:

...

Can you post more about how your v:-vml- folder is created?

certainly, to create my folder "v:-vml-", given that I have a partition with drive-letter "v:" I could used the following commands:

```
v:  
cd  
md "- vml -"
```

admin wrote:

...

how did you make the junction? to where it points to? etc.

I don't remember if I used "MKLINK" implemented in cmd.exe or "junction.exe" from SYSINTERNALS.

The junction is the folder where all the VML-WS-VMs should reside in
dir "v:- vml -"

2009.12.13 15:55 VMLites

My junctions point to any partition/folder where I have enough free space.
ALL my VMs start from partition v:, the reason why I use junctions, is that I can flexible change the
physical partition, without the need of changing VM's configuration.

And this concept works for me, for about some years, sicne the existens of junctions in Windows.

Or did I misunderstand your question?

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 12:06

Will try to duplicate your scenarios.

As a sanity check, can you re-run MyOldPCs and save it to an external hard disk? Your complex folder
structure seems to give vmlite headaches.

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 12:48

admin wrote:

Will try to duplicate your scenarios.
...Thanks.

admin wrote:

...
Your complex folder structure seems to give vmlite headaches.
O.K., maybe, but if my simple folder structure not works with VML, don't you think, VML has a problem.
My folder structure works for all VM-software I ever have tested.
But...

admin wrote:

...
As a sanity check, can you re-run MyOldPCs and save it to an external hard disk?
...

let's make things easier ...

PLS, tell me the EXACT path and file-names I should use for testing your MyOldPCs

Or better, give me a complete step by step description what I should test for you.

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 12:54

follow all default settings, but specify an external hard disk, or regular local folder to store the generated files.

You also have the same problem for your xpm vm.

I agree there must be a bug from our software. Both VMLite and MyOldPCs use a virtual disk driver, that driver may have problems reading a file residing in a junction directory. The kernel driver uses some NT format to access the virtual disk file, e.g., ??v:.... We have verified, if V: is a network drive, then won't work. Your junction might have similar behaviors. We need to test.

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 13:15

admin wrote:

follow all default settings, but specify an external hard disk, or regular local folder to store the generated files.

...

O.K. I will test it for you and than report results.

admin wrote:

...

You also have the same problem for your xpm vm.

...

certainly, but I'm sure you will find the bugs and fix them.

admin wrote:

...

I agree there must be a bug from our software. Both VMLite and MyOldPCs use a virtual disk driver, that driver may have problems reading a file residing in a junction directory. The kernel driver uses some NT format to access the virtual disk file, e.g., ??v:.... We have verified, if V: is a network drive, then won't work. Your junction might have similar behaviors. We need to test.

OK, OK, but what I DO NOT understand is, that all VML-XPM-VMs work properly on the same host, generated from "WindowsXPMode_en-us.exe" and all use my "Junction"-folder structure. Only MOP-generated VMs have a problem to start ???

(I think, I'm nearly sure, the problems have nothing to do with junctions.)

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 13:27

I thought you reported problems when installation folder is v: -VML- WXPP when creating XPM? the symptoms indicates the virtual disk is not mounted well by our virtul disk driver, and thus you see that xp license dialog.

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 13:28

With my current try I use as Path: - "F:vmIMyOldPCs" - with no junctions on a regular partition.

And the name of MOP-VM is: "MyOldPC-WFLP-01"

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_08.PNG

admin, what do you think, will it work ???

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 13:56

That's correct settings, let's see what would happen.

As it's in beta, I can't guarantee it ;)

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 15:15

admin wrote:

That's correct settings, let's see what would happen.

...

You can see in now, too ...

admin wrote:

...

As it's in beta, I can't guarantee it ;)

O.K. it's a beta ... an here the result of MOP:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_09.PNG

And this is the result after tranfering the MOP-crated folder to the host pc and double-clicking on the file: "MyOldPC-WFLP-01.mop"

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_10.PNG

Happy hacking ...:whistle: :(:whistle:

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 16:01

so it's about same. to debug, can you do the following:

- (1) enable IO APIC from System settings

and try to boot it,

- (2) configure the vm so it has 2 vcpus

try to boot it

=====

Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 16:19

I also strongly urge you to let the converted disk to go through the VMLite Wizard, so the wizard can make it to boot.

Run the wizard, and use option (2) to specify your virtual disk,

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 16:41

admin wrote:

so it's about same. to debug, can you do the following:

- (1) enable IO APIC from System settings

and try to boot it,

...

... and this is the result of (1):

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_11.PNG

After logon, I can see this:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_12.PNG

admin wrote:

...

(2) configure the vm so it has 2 vcpus

try to boot it

(2) not tested jet ...

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 16:46

so the vm boots fine after enabling IO APIC?

Can you post the .mop file? I need to check why it's not enabled automatically.

If single cpu works, dual cpus won't work, so don't try it.

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 16:51

admin wrote:

I also strongly urge you to let the converted disk to go through the VMLite Wizard, so the wizard can make it to boot.

Run the wizard, and use option (2) to specify your virtual disk,

certainly not, remember your eMail from 13.12.2009 04:48 to me:

you wrote:

...

Install and run the package in an old pc, then you can launch the vm using our VMLite Workstation by double clicking the generated .mop file.

...

And what shell I do now ...

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 16:53

no need to run the vmlite wizard now, since your vm boots well.

Just post the .mop file, i need to check a config.

You can install VMLite Guest Additions to your xp vm.

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 17:00

admin wrote:

so the vm boots fine after enabling IO APIC?

...

yes

admin wrote:

...

Can you post the .mop file? I need to check why it's not enabled automatically.

...

here it is:

http://www.vmlite.com/images/fbfiles/files/MyOldPC_WFLP_01.zip

admin wrote:

...

If single cpu works, dual cpus won't work, so don't try it.

And why did you instruct me to do so / test it with dual cpus ???

Uwe

=====

Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 17:03

admin wrote:

...

You can install VMLite Guest Additions to your xp vm.

O.K. I'll try it.

Uwe

=====

Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 17:14

admin wrote:

...

You can install VMLite Guest Additions to your xp vm.

Sorry, here the next little bug:

After clicking on: Main-Menu -> Devices -> Install Guest Additions...

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_13.PNG :whistle: :silly: :whistle:

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 17:28

uwe wrote:

admin wrote:

so the vm boots fine after enabling IO APIC?

...

yes

admin wrote:

...

Can you post the .mop file? I need to check why it's not enabled automatically.

...

here it is:

http://www.vmlite.com/images/fbfiles/files/MyOldPC_WFLP_01.zip

admin wrote:

...

If single cpu works, dual cpus won't work, so don't try it.

And why did you instruct me to do so / test it with dual cpus ???

Uwe

Somehow, MyOldPCs didn't set IO APIC correctly, from your xml file:

The reason I ask you to try 2 vcpus, I though MyOldPCs failed to convert the kernel images. MyOldPCs tries to convert dual cpus to single cpu for the vm, so it can boot.

Indeed, MyOldPCs worked fine, and made the virtual disk to be bootable. However, it didn't set IO APIC correctly.

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 17:28

You can add a CD/DVD from settings page, Storage

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Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 17:50

Uwe,

Can you check the internal name of c:windowssystem32hal.dll in your xp vm?

you can right click the dll, Versions, Internal Name

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 17:51

admin wrote:

You can add a CD/DVD from settings page, Storage

Woohoo, thank for that very important information, without your hint I'd have never guessed to do ist in this way ... :woohoo: :whistle:

And why does this not happen automatically ?

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 18:04

admin wrote:

Uwe,

Can you check the internal name of c:windowssystem32hal.dll in your xp vm?

you can right click the dll, Versions, Internal Name

And you a shure I'm able to manage such a difficult task (, when you think, you have to tell me how to add a CD/DVD in your VML-software)

Have a look:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_14.PNG

Uwe

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Re: MOPs[v.?] First run first problems + some suggest

Posted by uwe - 2009/12/14 18:12

b]admin wrote:

...

You can install VMLite Guest Additions to your xp vm.

After adding a CD/DVD (but I can't remember how I did it) I installed the VMLite Guest Additions and after an other reboot and manually login I can see this:

http://www.vmlite.com/images/fbfiles/images/MOPs_Capture_15.PNG

Uwe

=====

Re: MOPs[v.?] First run first problems + some suggest

Posted by admin - 2009/12/14 18:41

Uwe,

We should have added all of the devices automatically. We will fix it in next release.

For now, you will have to add the devices manually. You need to add a network adpater and an audio device.

Check your XPM settings for network and audio settings, then add the same devices to your vm (from MyOldPCs).

Hope this helps,

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