

## Which Buslogic driver to use

Posted by aussie\_bauer - 2011/04/04 03:17

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Hi there,

I am trying to get one of my VMWare server images (XP SP2 client) to work under VMLite workstation. The VMWare client used to use the VMWare SCSI controller (vm SCSI.sys latest version) under VMWare Server 2.1 and I was wondering whether this driver is supposed to also work with VMLite Workstation or whether I have to install a different SCSI driver for buslogic. I have been able to start and use the VMWare client successfully using standard IDE, SATA with Intel's 82801 SATA AHCI Controller driver (iastor.sys) and SCSI Isilogic with LSI Adapter Ultra 320 SCSI 2000 Series driver (symmpi.sys). When I use the VMWare Buslogic SCSI driver the client boots successfully but then locks shortly after the logon process. I need to get the client working with the SCSI Buslogic controller to prove full compatibility of VMLite Workstation with VMWare Server 2.x in regards to disk controllers. Any suggestions are welcome.

Thanks. Dieter

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## Re: Which Buslogic driver to use

Posted by admin - 2011/04/04 10:10

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In general, VSCSI driver is highly tied with the virtual machine software, so I don't expect vmware vscisi.sys to work in vmlite.

You can first make IDE to work in vmlite, then try to change to SCSI controller under vmlite workstation.

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## Re: Which Buslogic driver to use

Posted by aussie\_bauer - 2011/04/05 22:13

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Could you please provide me or recommend a similar generic buslogic driver such as the one use by VMWare server that would work with VMLite workstation. It is important for me that I can get buslogic working using VMLite Workstation and Windows XP as client.

Thanks.

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## Re: Which Buslogic driver to use

Posted by admin - 2011/04/05 23:04

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I am playing around. Windows XP doesn't have a builtin support for SCSI disks, so it needs a 3rd party

drivers. I am trying to figure out what is that driver.

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### Re: Which Buslogic driver to use

Posted by aussie\_bauer - 2011/04/06 00:02

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I would guess it is this one but I could find it anywhere to download.

Microsoft BusLogic MultiMaster PCI SCSI Host Adapter 5.0.2183.1

Maybe you have more luck finding it.

Dieter

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### Re: Which Buslogic driver to use

Posted by Shenzie - 2011/04/21 11:40

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Dieter, have you had any luck finding an XP driver for the VMLite definition of the Buslogic SCSI controller? I've searched and tried the few suggestions offered...with zero success.

Shenzie

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### Re: Which Buslogic driver to use

Posted by aussie\_bauer - 2011/04/21 19:38

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Hi Shenzie,

had some success using the VMWare SCSI driver which you can find at [http://kb.vmware.com/selfservice/microsites/search.do?language=en\\_US&cmd=displayKC&externalId=1006956](http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=1006956)

The driver must have been based on the MS Buslogic driver which I couldn't find on the net anymore. It allows me to boot into XP using SCSI Buslogic. However after a while the XP client just hangs and I have to force a power off of the machine. You can re-create the issue by copying large amounts of data between two SCSI disks of type buslogic.

Would be great if you could resolve this because all my VMWare XP clients are using SCSI Buslogic.

The driver I tested is attached.

You need to attach a SCSI Controller of type Buslogic and boot you XP from IDE. Install the driver than move your disks to the SCSI Controller. You have to remove the IDE controller otherwise it wouldn't boot

under Windows 7 64-bit.

Let me know how you go.

Dieter [http://www.vmlite.com/images/fbfiles/files/scsi\\_buslogic\\_from\\_VMWare.zip](http://www.vmlite.com/images/fbfiles/files/scsi_buslogic_from_VMWare.zip)

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## Re: Which Buslogic driver to use

Posted by Shenzie - 2011/04/22 16:30

Thx for the upload and the link, Dieter.

I've now been able to get the VM's Buslogic SCSI controller itself to be recognized and "blessed" in the Device Manager in the XP VM, but I've had zero success getting either the Onstream tape device or the HP scanner to be recognized. Unfortunately, these two SCSI devices, especially the tape device, would be very good to have available in the WinXP VM.

I looked for a way in the VM settings to attach a device to the SCSI controller, but all choices offered were HD image files.

Two other problems were (1) after setting the VMW driver for the Buslogic controller and doing a series of XP updates (via Windows Update), powering off the VM would leave it in a state where it could no longer be powered on (no green "start" icon) until I restarted the Win7 host machine...and (2) before powering off the VM (and experiencing Prob. 1) launching some applications—the Control Panel, for instance—would cause the VM to reboot. These were repeatable, and I presume that it has to do with what Admin suggested about incompatibility between VML VMs and VMWare drivers.

(The frustrating thing is that the two SCSI devices are recognized and work correctly in an XP "physical" environment created by booting...and they also are recognized and work correctly in a VMWare Win98 VM. Of course, in the "physical" XP environment the SCSI card is an Adaptec model, and so the appropriate driver is installed. On the other hand, the VMWare Win98 VM uses a Buslogic SCSI controller entity, with no difficulty at all.)

Maybe SCSI-related things will improve with VMLite WS 4.

Shenzie

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## Re: Which Buslogic driver to use

Posted by aussie\_bauer - 2011/04/24 02:46

Only tested disk drives with the drivers I gave you. So can't really comment on your results. Just hope 4.0 is much better, really much better otherwise I am back to VMWare Server.....

Dieter