

# Can you add your own local disk ...

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[forums712](#) 5 posts since

Sep 21, 2009

Can you add your own local disk partitioning to a VM running off VM Server? I have a partition on the VM Server that i want to physically attach to one of my VM's. I recall doing this in VM Workstation and wondering if the same functionality is in VM Server. Thanks,

Jimmy K



[krodon](#) 4 posts since

Sep 19, 2009 [Reply 1](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 12:10 AM

Hello,

I've got nearly the same problem, but my hdd is a Raid 5 (/dev/md0)

Edi



[Gerrit.Lehr](#) 746 posts since

Nov 9, 2005 [Reply 2](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 12:15 AM

No, this function is unique to VMware WS.

Kind Regards,


Gerrit Lehr

If you found this or other information useful, please consider awarding points for "Correct" or "Helpful".



[krodon](#) 4 posts since

Sep 19, 2009 [Reply 3](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 12:19 AM

 in response to: [Gerrit.Lehr](#)

Hello Gerrit,


the VMTN tells that it should be possible by editing the VMX

Edi



[guyrleeche](#) 1,624 posts since

Mar 6, 2006 [Reply 4](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 12:20 AM

 in response to: [Gerrit.Lehr](#)

Can you add your own local disk ...

You can do it as the disk level by adding a SCSI pass through device to the VM. Note that it doesn't have to be SCSI per se - I've done it with SATA disks before now.

Guy Leech

VMware vExpert 2009

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If you found this or any other answer useful please consider the use of the Helpful or Correct buttons to award points.



[krodon](#) 4 posts since

Sep 19, 2009 [Reply 5](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 7:27 AM

in response to: [guyrleechee](#) This sounds good,

can you please tell me how to do, especial for my case?

I'm using Server 2 and a Software Raid 5 mapped at /dev/md0

THX

Edi



[guyrleechee](#) 1,624 posts since

Mar 6, 2006 [Reply 6](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 1:04 AM

in response to: [krodon](#)

The VM will need to be shutdown but then just go to the add hardware option for that VM (when it is selected in the left pane) in the web interface. You will then be presented with a list of devices where you should see the Passthrough SCSI device. On the next screen you will then choose the device to use. Make sure you choose the right device otherwise you may trash something you didn't mean to! These are usually /dev/sg\* devices.

Guy Leech

VMware vExpert 2009

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If you found this or any other answer useful please consider the use of the Helpful or Correct buttons to award points.

**Attachments:**



-  [add hardware devices choices.jpg](#) (33.0 K)
-  [add hardware.jpg](#) (100.7 K)




[krodon](#) 4 posts since


Sep 19, 2009 [Reply 7](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 7:02 AM

Can you add your own local disk ...

 in response to: [guyrleech](#) *I did it, but wasn't successful* 

*I've added a 2nd SATA drive and started my host.*

*But I can't get this function* 

*I'am at home now and it works* 

*I don't know why, but I'am lucky !!*

*(exactly the same Computer, host OS and VM)*

THX


Edi **Attachments:**

-  [add hardware.JPG](#) (32.9 K)



[forums712](#) 5 posts since

Sep 21, 2009 [Reply 8](#). Re: Can you add your own local disk partitiong to a VM running off VM Server? Sep 22, 2009 7:42 AM

 in response to: [krodon](#)


My hard drive is a RAID 5 as well and dont see anything like /dev/0. I can choose SCSI passthrough but giving me drop down to pick SCSI 0-4 and i think that is for the system RAID1 set that is running the Server 2003 OS and VM Ware Server. What do i have to do to see my seperate RAID 5 set? Thanks,

Jimmy K



[forums712](#) 5 posts since

Sep 21, 2009 [Reply 9](#). Re: Can you add your own local disk partitiong to a VM running off VM Server? Sep 22, 2009 8:13 AM

 in response to: [forums712](#)

hi guy leech, i have a RAID5 set using SATA drives on the onboard controller but I think the system sees it as an IDE. I know you say SATA's can be used so how would I see it in this case? Attached is pic of SCSI passthrough. I have SCSI 0-4. Right now the virtutal disk is using SCSI0 device 0 . The system of the server is running on a SATA RAID Controller with 4 channels. The RAID5 set i want to attach is on a onboard SATA Intel RAID Controller. Thanks,

Jimmy K **Attachments:**


-  [pic1.JPG](#) (112.5 K)



[forums712](#) 5 posts since

Sep 21, 2009 [Reply 10](#). Re: Can you add your own local disk partitiong to a VM running off VM Server? Sep 22, 2009 8:32 AM

Can you add your own local disk ...

 in response to: [forums712](#)


Ok, I think my issue may be that when I have the option to choose SCSI device under Passthrough SCSI Device Hardware Wizard it only gives me PhysicalDrive1 to choose and CDROM0. Is it because I am supposed to see a PhysicalDrive2 and I don't? If so how do I add it in VMServer? Thanks,

Jimmy K



[guyrleeche](#) 1,624 posts since

Mar 6, 2006 [Reply 11](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 1:30 PM

 in response to: [forums712](#)

I do not unfortunately know a way of forcing the device list used for the SCSI passthrough devices. The /dev/sg\* devices, major device 21, are used as these are the generic SCSI devices in most Linux distributions. I don't know whether it would work to use mknod to make /dev/sg0 for instance that actually uses the major and minor numbers for your device - VMware may select by major device number rather than name. Strange what you have in your list - what are the major/minor numbers for their /dev files?

Guy Leech

VMware vExpert 2009


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If you found this or any other answer useful please consider the use of the Helpful or Correct buttons to award points.



[forums712](#) 5 posts since

Sep 21, 2009 [Reply 12](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 4:22 PM

 in response to: [guyrleeche](#)

Hi Guy,


Where do I find all this /dev/sg\* stuff? I am running the VM Server off a Windows Server 2003 64bit OS and not Linux. Thanks,

Jimmy K



[guyrleeche](#) 1,624 posts since

Mar 6, 2006 [Reply 13](#). **Re: Can you add your own local disk partitioning to a VM running off VM Server?** Sep 22, 2009 11:13 PM

 in response to: [forums712](#) Sorry, I don't know how to influence the list on a Windows host. Might be worth trawling through the global (in "c:\documents and settings\all users\application data\vmware") and per VM logs in case it gives any clues but I somehow doubt you will be able to change the list. Might be worth adding one of the devices it offers in the drop down list and then see if you can figure what the device name needs to be for your device in the .vmx file. My drop down only offers cdrom0 or cdrom1 but I can't even find those strings in the registry to try to begin to figure how it decides to offer these devices.

Guy Leech

VMware vExpert 2009

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