

In the software vSphere4.0 ,the vmfs ...



[dragoon](#) 14 posts since

Mar 4, 2009

Hello:

AMM, I am just an Engineers,and do some test work about the vmware VI3 or VI4 software.Now, I have a customer who has an application needs a 4T space.

But, in my Laboratory I do not have such large storage. So is there any body or any good guys have all ready yet done the test which is about the lun large than 2T in the new software vSphere4? Please just tell me the results.

Or there some body could give the step by step configuration,it will be much useful.

I have looked for the topic about these things in the community, some one say could,some one say the 2T limited is still. Can some body give me an exact answer. Tags: esx3.5, lun, luns, storage, vmdk, vmfs



[Anton V Zhbanov](#) 2,882 posts since

May 26, 2008 1. **Re: In the software vSphere4.0 ,the vmfs lun or RDM lun can be larger than 2T?** Jul 4, 2009 5:18 AM

vSphere still has limitation of 2TB

VMware vExpert '2009

<http://blog.vadmin.ru>



[VMmatty](#) 417 posts since

Oct 17, 2008 2. **Re: In the software vSphere4.0 ,the vmfs lun or RDM lun can be larger than 2T?** Jul 4, 2009 7:40 AM

If you need to exceed the 2 terabyte limit of a VMFS partition, you'll need to present the LUN inside the virtual machine. If you have an iSCSI SAN, it is easy to do this by simply using the software initiator inside the guest to present the larger LUN.

Unfortunately an RDM won't work either as that has the same 2TB limit as a VMFS partition.



[Altix](#) 112 posts since

Jul 19, 2008 3. **Re: In the software vSphere4.0 ,the vmfs lun or RDM lun can be larger than 2T?** Jul 4, 2009 1:28 PM

The exact answer would be "the limit is 2TB-512bytes".

Regards

Joerg

'Remember if you found this or others answers helpful do not forget to award points by marking an answer as helpful or correct'

In the software vSphere4.0 ,the vmfs ...



[Texiwill](#) 10,213 posts since

Jan 13, 2004 4. **Re: In the software vSphere4.0 ,the vmfs lun or RDM lun can be larger than 2T?** Jul 6, 2009 1:09 PM

in response to: [Altix](#) Hello,

Moved to ESX 4 forum.

Joerg has the correct answer. The extra 512bytes used by vSphere has already caused some issues with migrations so if you are going to migrate you need to ensure the RDM/VMFS is properly sized.

Best regards,

Edward L. Haletky VMware Communities User Moderator, VMware vExpert 2009, [Virtualization Practice Analyst](#)

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[dragoon](#) 14 posts since

Mar 4, 2009 5. **Re: In the software vSphere4.0 ,the vmfs lun or RDM lun can be larger than 2T?** Jul 26, 2009 11:24 PM

in response to: [Texiwill](#)

Oh.Thank you guys.All of you are such good man.I am very happy to receive your suggestion.

Some guys said right,it still have the limited in vSphere4.But we can use some methods to make a lun bigger than 2T.

Just do it ike the pictures in the attachments.

U will see an error 1-6,that's just because I click the mouse too quickly.:)

Attachments:

- [vmware-4-bigger than 2TB.rar](#) (464.3 K)



[TimPhillips](#) 120 posts since

Jul 17, 2009 6. **Re: In the software vSphere4.0 ,the vmfs lun or RDM lun can be larger than 2T?** Jul 27, 2009 1:41 AM

in response to: [dragoon](#)

If you are using iSCSI I recommend you to take a Starwind target for it. I use for myself for long time already, and it`s very robust, according to my lab test. The only limit of free version it`s 2 Tb limit, what can be a trouble in your case, but I would recommend it to ypu anyway.

Tim.