

ESX 3.0 extend issue ...



[KidE](#) 38 posts since

Feb 27, 2006 Hi,

We're installing esx 3.0 and want to add a new local vmfs3 extend. If we do that we get the error "cant read partition table". After that i see that a new partition is been created but that no vmfs3 filesystem is created and also no vmhba2.0.0.x instance is made.

Anybody any suggestions?

P.S. we're runnign on a Dell Poweredge 6450

Gr,

Ernst



[Paul.B](#) 360 posts since


Nov 28, 2005 **1. Re: ESX 3.0 extend issue** May 4, 2006 5:42 AM

You'd probably be better off asking in the Beta forum.. Just an FYI.



[KidE](#) 38 posts since

Feb 27, 2006 **2. Re: ESX 3.0 extend issue** May 4, 2006 6:36 AM

 in response to: [Paul.B](#) ehh oops. sorry for that. but problem is still here



[boydd](#) 5,707 posts since

Jun 15, 2004 **3. Re: ESX 3.0 extend issue** May 4, 2006 6:45 AM

 in response to: [KidE](#) Local or SAN Disk?

DB



[jgswinkels](#) 107 posts since

Oct 25, 2005 **4. Re: ESX 3.0 extend issue** May 4, 2006 6:47 AM

 in response to: [boydd](#) Local disks



[CHogan](#) 523 posts since

May 6, 2005 **5. Re: ESX 3.0 extend issue** May 4, 2006 6:52 AM

Ernst,

I'm not sure you can do this. Do you observe the following message in the vmkernel log file?

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"Modification of active partition vmhbaX:X:X:X is not supported"



[KidE](#) 38 posts since

Feb 27, 2006 **6. Re: ESX 3.0 extend issue** May 5, 2006 1:32 AM

in response to: [CHogan](#) Well i cant find it anymore in the logfiles but it looks familiar.

i do get some errors like :

```
May 4 15:18:57 pinky vmkernel: 0:01:16:28.168 cpu2:1033)WARNING: SCSI: 5647: Can't write through read-only handle 0x533
```

```
May 4 15:18:57 pinky vmkernel: 0:01:16:28.168 cpu2:1033)WARNING: SCSI: 5524: status 0xbad0021, rstatus 0xc0de00 for vmhba2:0:0. residual R 999, CR 81, ER 3
```

I'm thinking we're having a driver compatibility issue here.



[CHogan](#) 523 posts since

May 6, 2005 **7. Re: ESX 3.0 extend issue** May 7, 2006 3:59 PM

The message suggests that something else has the disk open. You didn't happen to have an fdisk session running on the disk at the same time that you were trying to create the VMFS volume?



[KidE](#) 38 posts since

Feb 27, 2006 **8. Re: ESX 3.0 extend issue** May 8, 2006 12:27 AM

in response to: [CHogan](#) Nope because then i would get a different kind of error as i know from my linux background. The strange thing is if i try to kickstart this machine with 2.5.x it also has a problem with creating filesystems so it could be that the driver is the problem. Today i gonnan rebuild the raid config and gonna see if that helps out



[SV](#) 317 posts since

Oct 1, 2003 **9. Re: ESX 3.0 extend issue** May 8, 2006 8:16 AM

in response to: [KidE](#) Since ESX is not Linux, Linux fundamentals do not apply directly to this OS. [CHogan](#) is most probably right - the partition you are trying to extend your VMFS with, seems to be in use by the Service Console or by a VM. If you are using vmkfstools, make sure you are not supplying vmhbaX:Y:Z:0 as the device to be extended with. "0" corresponds to the entire disk, and the Service Console might have the disk open in case you have Service Console partitions on it.



[KidE](#) 38 posts since

Feb 27, 2006 **10. Re: ESX 3.0 extend issue** May 10, 2006 12:28 AM

in response to: [SV](#) The filesystem/disk cannot be in use because i fresh installed it and there is nothing running on it.

i'm not trying to extend a vmfs but create a new one.

@SV: are you sure about the linux thing? since i red that 3.0 is completely base on RHEL 3

ESX 3.0 extend issue ...



[kertofer](#) 111 posts since

Feb 5, 2006 11. **Re: ESX 3.0 extend issue** May 10, 2006 11:05 AM

↑ in response to: [KidE](#) ESX3.0 uses RHEL 3.0 for the Service Console OS. Remember that there are basically 2 operating systems running at the same time. There is RHEL 3 for the Service Console and then there is the ESX kernel, which is a proprietary OS kernel that is running to support the VM's. The Service Console is there to support and manage the ESX kernel so that you do not directly access it.

Hope this helps!



[KidE](#) 38 posts since

Feb 27, 2006 12. **Re: ESX 3.0 extend issue** May 11, 2006 10:13 PM

↑ in response to: [kertofer](#) ehh nope because this ha snothing todo with my problem