

CPU count with windows shows as 1 while ...



[kalyand](#) 6 posts since

Oct 24, 2006

I have a VM which is allocated 2 CPUs (edit settings and show 2 CPU) .Within the Windows when I run system information it shows 1 CPU though in the processor section of DEvice Manager is shows the two processor.

Also when I run task manager or perf mon I see only I CPU too .Any help is appreciated to resolv the issue . Tags: os-specific



[firestartah](#) 136 posts since

Aug 10, 2006 **1. Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 3, 2009 6:04 AM

Have you run device manager and scanned for new devices??

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

Gregg Robertson, MCSE, MCSA, MCTS,MCITP



[Anton V Zhbanov](#) 2,871 posts since

May 26, 2008 **2. Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 3, 2009 6:14 AM

Open Device Manager in Windows and Select "Update driver" on "Uniprocessor PC". Reboot after that.

You just need to update HAL from Uniprocessor to Multiprocessor.

VMware vExpert '2009

<http://blog.vadmin.ru>



[RDPetruska](#) 15,875 posts since

Jan 11, 2005 **3. Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 3, 2009 6:19 AM


What VMware product and version are you using so we can move this thread to the appropriate forum?

Have you changed the HAL in the guest to use a multiprocessor one?



[kalyand](#) 6 posts since

Oct 24, 2006 **4. Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 3, 2009 7:17 AM

 in response to: [Anton V Zhbanov](#)

I have in DEvice Manager --> Computer -->ACPI Multiprocessor PC .

DO I need to change it back to uniprocessor and then reboot and change it to Multi to see if it works .

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[kalyand](#) 6 posts since

Oct 24, 2006 5. **Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 3, 2009 7:19 AM

↑ in response to: [RDPetruska](#) I am Vmware 3.5 update 4. How do I change the HAL on the guest to use multiprocessor ?



[RDPetruska](#) 15,875 posts since

Jan 11, 2005 6. **Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 3, 2009 8:24 AM

Thread moved to ESX 3.5 forum.

If device manager shows ACPI Multiprocessor, that's correct. You're saying it only shows 1 CPU though? Did you have the VM powered off when you added the 2nd virtual CPU?



[Anton V Zhanov](#) 2,871 posts since

May 26, 2008 7. **Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 4, 2009 12:04 AM

↑ in response to: [kalyand](#) If you already have multiprocessor HAL just power VM off and on.

VMware vExpert '2009

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[kalyand](#) 6 posts since

Oct 24, 2006 8. **Re: CPU count with windows shows as 1 while its allocated 2 CPUs** Jul 4, 2009 7:23 AM

↑ in response to: [RDPetruska](#) We did reboot a couple of times