

# >100% utilization for a VM ...

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[DougBaer](#) 602 posts since

Oct 20, 2004 I have a VM that I've had running for almost three days with the cpubusy.vbs script (the same one from the VMware class) running inside it -- I just wanted something that would cause a lot of processor utilization for a long period of time.

Currently, VC reports on the VM's Summary tab that this VM is using 112% CPU. The ESX host shows only 61% utilization.

I need to bounce the ESX host to disable HT for another test and steal some parts from the server, but figured I'd ask before I did that.



[GeorgeS](#) 683 posts since


Feb 19, 2004 **1. Re: >100% utilization for a VM** Nov 17, 2005 7:58 AM

Is this an SMP VM? 2-CPU physical server? If so, the ESX CPU utilization has always shown %utilization of total physical and granting for some stats measurement err (avg CPU utilization over different periods), the 61% of the total would be roughly equal to 112% of a single CPU.



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Oct 20, 2004 **2. Re: >100% utilization for a VM** Nov 17, 2005 8:48 AM



 in response to: [GeorgeS](#) No, this is a single proc VM -- the physical server had HT enabled (this is also the one that was reporting 16 virtual procs on a dual-proc machine with HT).

I've disabled that and will see if this happens again.



[GeorgeS](#) 683 posts since


Feb 19, 2004 **3. Re: >100% utilization for a VM** Nov 17, 2005 8:50 AM

 in response to: [DougBaer](#) Sounds like their are a few calculations that have to be fixed for HT again.  VMware had this problem when they initially supported HT in 2.1 and I think it took a couple revisions before they got it right.



[djacobs](#) 99 posts since

Oct 6, 2005 **4. Re: >100% utilization for a VM** Nov 18, 2005 9:16 AM


 in response to: [GeorgeS](#) Hey Doug, Did you file an SR for this one? I was checking, but did not see anything. Also, if you could send screen shots as well?



[DougBaer](#) 602 posts since

Oct 20, 2004 **5. Re: >100% utilization for a VM** Nov 18, 2005 9:33 AM

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 in response to: [djacobs](#) Not yet. Once I see it happen again, I'll grab some screen shots. If you'd like, I can open an SR, but I'd have to send in the data from the database at this point because the server is only sitting at 92% utilization at the moment.


Maybe because I turned HT off (?)

If I don't see it by next week, I'll turn HT back on and check again. Deal?



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Oct 20, 2004 6. **Re: >100% utilization for a VM** Nov 21, 2005 8:58 AM

 in response to: [djacobs](#) I just suspended the machine to reboot the host and turn HT back on and the VM spiked to 101%.


I have opened an SR (223299) and uploaded a screenshot to the FTP site.

Doug



[djacobs](#) 99 posts since

Oct 6, 2005 7. **Re: >100% utilization for a VM** Nov 21, 2005 10:32 AM

 in response to: [DougBaer](#) Thanks