

quad-core processors



[Mario Behring](#) 1 posts since

Jul 30, 2008

Hi all,

Which vmware products actually support quad-core processors? Does the free version, VMware Server, supports it?

Also, how does the virtual machines makes use of te quad-core technology?

Mario



[philcox](#) 1 posts since

Mar 16, 2008 1. **Re: quad-core processors** Jul 30, 2008 11:05 AM

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> Which vmware products actually support quad-core processors? Does the free version, VMware Server, supports it?

I believe that all versions support it.

> Also, how does the virtual machines makes use of the quad-core technology?

There is typically 1 CPU, but up to 4 cores that you can assign to a given Guest/VM

I am running ESX & ESXi on a Quad 6600 and have the ability to assign 1-4 cores to any of my VM's

quad-core processors

Phil



[ihedrick](#) 5 posts since

Sep 10, 2007 2. **Re: quad-core processors** Aug 1, 2008 6:09 AM

All VMware products support quad-core processors...

A VM is scheduled time on any available processor. If you have a 1 vCPU VM then you will be scheduled time where ever the scheduler finds a spot. If you have a 2 vCPU VM then the scheduler has to find two free processors...

If you want to use 64-bit operating systems then you may need to enable the virtualization technology in teh systems BIOS, I have found it is normally enabled by default.

Later in the year and into next year there should be six and eight core processors being announced...

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David Ramey 4 posts since

Jul 9, 2008 3. **Re: quad-core processors** Aug 2, 2008 10:59 PM

The free VMWare server product does support quad core processors, but you can only assign 2 virtual processors to any single virtual machine

http://www.vmware.com/pdf/server_admin_manual.pdf