

Honest explanation of SMP-features for ...



[continuum](#) 12,639 posts since

Dec 18, 2003 New users usually are very disappointed when they find out that a VM with 2 CPUs is slower than the same VM with one CPU only.

We have to explain the issues over and over again.

For experienced users this behaviour comes expected - for new users this looks like a bug.

Please create a website or a doc that explains this in some depth.

Please also review the advertising of this feature.

description of vmx-parameters: <http://sanbarrow.com/vmx.html>

VMware-liveCD: <http://sanbarrow.com/moa.html>



[RDellimagine](#) 1,678 posts since

Jul 19, 2004 1. **Re: Honest explanation of SMP-features for hosted platforms** Jan 12, 2009 11:54 AM

I've forwarded this thread to the product manager for vSMP. - Robert

Robert Dell'Imagine, Director of VMware Communities



[continuum](#) 12,639 posts since

Dec 18, 2003 2. **Re: Honest explanation of SMP-features for hosted platforms** Jan 12, 2009 1:49 PM

↑ in response to: [RDellimagine](#) I guess it would be more useful if you kindly ask someone like jmattson to write a doc on this issue.

We need an explanation on the technical background that we can present to disappointed users - we sure don't need another hi-color advertising article 😊

description of vmx-parameters: <http://sanbarrow.com/vmx.html>

VMware-liveCD: <http://sanbarrow.com/moa.html>



[etung](#) 11,086 posts since

Oct 15, 2006 3. **Re: Honest explanation of SMP-features for hosted platforms** Jan 13, 2009 9:48 PM

New users usually are very disappointed when they find out that a VM with 2 CPUs is slower than the same VM with one CPU only. We have to explain the issues over and over again.

I explain it a bit in [Choosing the Right Virtual Machine Settings](#). Are there things you think I should add?

Honest explanation of SMP-features for ...



[continuum](#) 12,639 posts since

Dec 18, 2003 4. **Re: Honest explanation of SMP-features for hosted platforms** Jan 14, 2009 2:29 PM

👤 in response to: [etung](#) Hi Eric - I like your efforts in the Fusion-forum - I haven't seen this one yet. Good work

But it is to specific for Mac as host - if we show that to Windows or Linux-users they will ignore it.

Also the section on smp should go more into the details - for example it should mention why AMD Quad Cores work better than Intel Quad Cores and so on.

The doc should also have a comparison of SMP-features and their different behaviour on ESX and hosted platforms

description of vmx-parameters: <http://sanbarrow.com/vmx.html>

VMware-liveCD: <http://sanbarrow.com/moa.html>



[etung](#) 11,086 posts since

Oct 15, 2006 5. **Re: Honest explanation of SMP-features for hosted platforms** Jan 15, 2009 11:03 AM

👤 in response to: [continuum](#) But it is to specific for Mac as host - if we show that to Windows or Linux-users they will ignore it.

While it's written for Fusion, nearly all of it applies to other products. It's meant as a general "here's how to determine reasonable settings if you don't like the defaults".

Also the section on smp should go more into the details - for example it should mention why AMD Quad Cores work better than Intel Quad Cores and so on.

The doc should also have a comparison of SMP-features and their different behaviour on ESX and hosted platforms

So you want more of a whitepaper for developers/technical folk? For the common case of a user confused about performance, I don't think that level of detail is needed or appropriate. / don't know it either, so would be interested in

discussion links 😊 .



[oreeh](#) 9,872 posts since

Nov 30, 2005 6. **Re: Honest explanation of SMP-features for hosted platforms** Jan 16, 2009 7:38 AM

Two docs from Scott Drummonds with some info on SMP:

[VMkernel Scheduler](#)

[Co-scheduling SMP VMs in VMware ESX Server](#)