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Subject: How many operating systems per CPU  
Posted by [alex905](#) on Fri, 01 Feb 2008 10:58:29 GMT  
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I am curious on how to judge a server on how many virtual operating systems I can install while keeping it stable.

I guess that the RAM isn't important as I plan on 128 MB per OS but what about the CPU. For instance how much can a sempron take compared to a quad core? What's safe and what's being greedy. So what I'm asking is how would I work out how many operating systems I can run.

just to reiterate:

how do I work out how many operating systems I can run on a specific CPU.

Alex Wood

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Subject: Re: How many operating systems per CPU  
Posted by [rickb](#) on Fri, 01 Feb 2008 21:21:06 GMT  
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Hi, there is no answer to your question. Openvz "VPS"s are not individual operating systems in the conventional sense. Openvz creates process containers which from the inside appear to be an operating system.

The quantity of VEs/containers/VPS' is limited only by the system memory and application placed on the software.

\_Very\_ generally speaking, you can count on 5-10 VPS per CPU I would say. (if they are doing no work, this could be 5000-10000 per cpu. if they are doing a lot of work, this could be .0005 - .0010 per cpu).

hope this makes sense!

Rick

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