
Subject: Does OpenVZ require Hyper-Threading
Posted by [redham](#) on Mon, 20 Aug 2012 01:38:01 GMT
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Hi,

Since OpenVZ doesn't create individual containers does it require CPUs with Hyper-Threading?

I have 6 servers that aren't being used and I'd like to expand my OpenVZ VPS operation.

The server specifications are:

> INTEL XEON E3-1220 3.1GHZ 5GT/S 8MB CACHE QUAD CORE L1155 CPU

> SUPERMICRO X9SCL+-F SATA3, L1155 MOTHERBOARD

> 8GB DDR-3 1333MHZ ECC MEMORY 6GB/S

> 2 each WESTERN DIGITAL 500GB 16MB SATA3 6GB/S HARD DRIVE

Do the above specifications meet requirements for multiple OpenVZ containers installation on each server?

The Intel E3-1220 does have "Intel® Virtualization Technology for Directed I/O (VT-d)".
I think this is all that is required but not positive.

Also, will I be giving up any performance (or will there be any other repercussions) by not having Hyper-Threading?

I THINK Hyper-Threading IS necessary for a Xen VPS. I'll deal with Xen later. Right now I need to utilize these 6 servers either by OpenVZ VPS or cloud utilization. The bottom has fallen out of the dedicated server market.

I need help answering this as soon as possible so if you can't answer all of my question but your sure of 1 of them, please reply.

I'm fairly good at Google searches but darn if I could find anything on this. I even searched the SolusVM forums. I use SolusVM to manage my VPS.

Thanks in advance for your help with this,
redham
