
Subject: 64Bit CPU Required for high RAM OpenVZ Servers?

Posted by [RapidVPS](#) on Sun, 12 Mar 2006 09:36:41 GMT

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Hello. I have a question to the OpenVZ developers or anyone with knowledge to answer the question.

According to this page on linux-mm.org and assuming I understand it correctly, Linux can exhaust its memory by having a kernel memory space smaller than required to utilize 8GB of high memory (user space memory allocation).

Is this patched or other workaround in OpenVZ exist? If operating servers with 8-10GB, would a 64bit CPU be necessary as this page seems to suggest? From a provider position this information is valuable.

".....For these reasons it is recommended that if you buy a system with more than 4GB of memory, you should consider getting a 64 bit CPU and installing a 64 bit operating system."

<http://linux-mm.org/HighMemory>

Thank you for your time.
