Subject: OpenVZ on Ubuntu 9.04 (Jaunty) Host
Posted by xanderp123 on Fri, 01 May 2009 20:40:27 GMT

Hi,

I am just starting a summer research project at the University of Western Ontario. I will working with another graduate student to develop policy-based autonomic resource management system using OpenVZ.

I am trying to install/run OpenVZ on my Dell laptop which is currently running Ubuntu 9.04 (Jaunty Jackalope). I managed to successfully configure, compile and install the OpenVZ 2.6.18 kernel. I obtained the kernel source from the git repository two days ago and compiled a .deb package using the make-kpkg utility on Ubuntu.

The OpenVZ 2.6.18 kernel seems to load fine, however when I boot the new kernel it hangs for a while in the init stage, then spits out some messages that go by to fast to read followed by

Out of Memory: Kill Process 2 (migration/0/0) and children

repeating to infinity. Within the text that goes by too quick to read, I think it says something about "crash kernel".

I'm kind of stuck at the moment and not sure where to go next in my troubleshooting. Any suggestions would be greatly appreciated!

My Hardware:

CPU: Genuine Intel(R) CPU T2300 (Dual-Core) @ 1.66GHz
RAM: 1024 MiB

Subject: Re: OpenVZ on Ubuntu 9.04 (Jaunty) Host
Posted by maratrus on Tue, 05 May 2009 05:26:33 GMT

Hello,

first of all, please check logs. Error messages might be saved there.
Then I'd like to note that Ubuntu 9.04 based on the kernel that is much newer that 2.6.18, so incompatibility issue might occur and it   shouldn't be a surprising thing.
Hence, from the stability point of view Centos5 + 2.6.18 rhel5 based kernel is the best choice.

Subject: Re: OpenVZ on Ubuntu 9.04 (Jaunty) Host

Posted by xanderp123 on Tue, 05 May 2009 18:22:39 GMT

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Thanks for the tips. I'll use CentOS for my serious work and may come back to this problem later.