Subject: *KNOWN ISSUE* 2.6.20-ovz007 with checkpoint option error
Posted by hernad on Wed, 06 Jun 2007 09:24:40 GMT
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Trying to build newest 2.6.20 kernel with checkpoint and restore included:

  CC [M] kernel/cpt/cpt_process.o
kernel/cpt/cpt_process.c: In function 'dump_one_process':
kernel/cpt/cpt_process.c:793: error: 'struct nsproxy' has no member named 'namespace'
kernel/cpt/cpt_process.c:807: error: 'struct nsproxy' has no member named 'namespace'
kernel/cpt/cpt_process.c:808: error: 'struct nsproxy' has no member named 'namespace'
kernel/cpt/cpt_process.c:838: warning: comparison of distinct pointer types lacks a cast
make[3]: *** [kernel/cpt/cpt_process.o] Error 1

I have looked at nsproxy structure in include/linux/nsproxy.h

struct nsproxy {
      atomic_t count;
      spinlock_t nslock;
      struct uts_namespace *uts_ns;
      struct ipc_namespace *ipc_ns;
      struct mnt_namespace *mnt_ns;
      struct pid_namespace *pid_ns;
};

My system is ubuntu 7.04

Regards,
Ernad

Subject: Re: 2.6.20-ovz007 with checkpoint option error
Posted by Vasily Tarasov on Wed, 06 Jun 2007 09:59:10 GMT
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Checkpointing is not supported in current 2.6.20 OpenVZ series, so you should turn
CONFIG_VZ_CHECKPOINT option off in you kernel config.

Thank you,
Vasily.

Subject: Re: 2.6.20-ovz007 with checkpoint option error
Posted by hernad on Wed, 06 Jun 2007 10:20:59 GMT
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Thank for your info,

Do you know (approximately) when it is going to be available ?

Subject: Re: 2.6.20-ovz007 with checkpoint option error
Posted by Vasily Tarasov on Wed, 06 Jun 2007 10:45:36 GMT
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Well, there will be a Linux Symposium on June the 27th. I'm pretty sure, that before it CPT will
work on 2.6.20. However, I know a good method how to accelerate the process: please, fill the
bug report in bugzilla.openvz.org!

Thanks,
Vasily.

Subject: Re: 2.6.20-ovz007 with checkpoint option error
Posted by hernad on Wed, 06 Jun 2007 10:56:39 GMT
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thanks, I have filled the bug

http://bugzilla.openvz.org/show_bug.cgi?id=608

Subject: Re: 2.6.20-ovz007 with checkpoint option error
Posted by hernad on Wed, 06 Jun 2007 11:14:09 GMT
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This is out of this topic, but it seems to me there is large improvement in 2.6.20 ovz kernel since
ovz005.

Performance and stability on my laptop with ovz005 was quite bat. With this last build situation is
much much better

Thank openvz team for your good work.

Subject: Re: 2.6.20-ovz007 with checkpoint option error
Posted by hernad on Wed, 06 Jun 2007 11:15:32 GMT

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bat -> bad, sorry