
Subject: RT priority processes in a VE.

Posted by [Daniel Pittman](#) on Fri, 20 Apr 2007 23:38:51 GMT

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G'day. I am using OpenVZ to split a few servers for security and management reasons -- all the VE environments are run by me and trusted and all that.

As part of this I want to run some software in the VE with real-time priority threads (Asterisk, possibly other software) in our system.

Unfortunately I can't work out what settings, if any, make it possible to permit this inside the VE and reading the kernel patch didn't help.

Is it possible to run a process with FIFO scheduling priority in a VE?

If so, how do I permit this?

Regards,
Daniel

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Subject: Re: RT priority processes in a VE.

Posted by [dev](#) on Mon, 23 Apr 2007 16:30:17 GMT

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Daniel Pittman wrote:

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> Is it possible to run a process with FIFO scheduling priority in a VE?

first, it requires CAP_SYS_ADMIN capability, which maybe insecure to grant to VE.
see sched_setscheduler() for details. You can relax this check if required.

next, FIFO priority inside VE affects one particular VE only.

i.e. these tasks won't behave as FIFO compared to other VE processes and will share

CPU time with other VEs according to VE cpuints.

Thanks,
Kirill
