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Subject: Side effects of enabling CAP\_SYS\_TIME inside VE

Posted by [piavlo](#) on Mon, 17 Sep 2007 11:08:12 GMT

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Hi,

I get a strange behaviour inside VE then i enable CAP\_SYS\_TIME  
for a specific VE with "vzctl set <VEID> --capability sys\_time:on"

Then CAP\_SYS\_TIME is disabled inside VE and i try to run ntpd  
with -u ntp:ntp to drop root privileges, ntpd fails to start with error message:  
ntpd[8176]: cap\_set\_proc() failed to drop root privileges: Operation not permitted

Then i enable the CAP\_SYS\_TIME inside the VE so that ntpd  
could change system time, the side effect is that ntpd  
also succeeds to drop root privileges and runs as ntp user.

Why is this so? Why enabling CAP\_SYS\_TIME also allows dropping root privileges?

Thanks

Alex

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