
Subject: Best way to detect whether I'm in VPS ?

Posted by [Enrico Weigelt](#) on Tue, 27 Mar 2007 17:56:31 GMT

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Hi folks,

which is the best way for detecting whether I'm in an VPS while
n the boot process ?

One way could be checking for some special files in /proc
(ie. beancountes), but this requires /proc to be already mounted.

Is there another way (maybe w/o /proc) ?

thx

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Enrico Weigelt == metux IT service - <http://www.metux.de/>

Please visit the OpenSource QM Taskforce:

http://wiki.metux.de/public/OpenSource_QM_Taskforce

Patches / Fixes for a lot dozens of packages in dozens of versions:

<http://patches.metux.de/>

Subject: Re: Best way to detect whether I'm in VPS ?

Posted by [dev](#) on Wed, 28 Mar 2007 06:39:03 GMT

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In .c or in shell?

in shell:

- yes, /proc (.e.g `grep envID /proc/self/status` should return non-zero envID)
- /etc/fstab, /etc/mtab - i.e. disk partitions.
- pids... it is not guaranteed to work in future, but currently
all VE pids have one property:
(getpid() & 1024) == 1024
- empty dmesg on bootup
- others...

all this except for /proc are not guaranteed to work in future.

Thanks,
Kirill

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