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Subject: What is the default set of capabilities?

Posted by [nils.toedtmann](#) on Tue, 14 Feb 2012 12:05:46 GMT

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vzctl(8) says:

Quote:--capability capname:on|off

Sets a capability for a container. Note that setting capability when the container is running does not take immediate effect; restart the container in order for the changes to take effect. Note a container has default set of capabilities, thus any operation on capabilities is "logical and" with the default capability mask.

What is the "default set of capabilities"?

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Subject: Re: What is the default set of capabilities?

Posted by [kir](#) on Tue, 14 Feb 2012 13:39:06 GMT

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See vzctl sources, in particular src/lib/cap.c:

<http://git.openvz.org/?p=vzctl;a=blob;f=src/lib/cap.c>

It is there, defined as CAPDEFAULTMASK and (as a fallback for older kernels) CAPDEFAULTMASK\_OLD.

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Subject: Re: What is the default set of capabilities?

Posted by [nils.toedtmann](#) on Tue, 14 Feb 2012 15:55:42 GMT

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Hi Kir, thank you for your quick response!

But now i realize my actual question is:

Which capabilities are by default set to "on" for a new VM?

and i am not sure whether this is equivalent to my original question ("What is the default set of capabilities?")

So: Are the caps listed in CAPDEFAULTMASK those who are enabled by default, or is it only the list of availbale but not necessarily activated caps?

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