Subject: ecryptfs inside container - supported?
Posted by hverbeek on Thu, 06 May 2010 15:52:48 GMT
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I'd like to use ecryptfs inside a container - is that supported?

When I try to mount a directory, I get the following error:
Unable to get the version number of the kernel
module. Please make sure that you have the eCryptfs
kernel module loaded, you have sysfs mounted, and
the sysfs mount point is in /etc/mtab. This is
necessary so that the mount helper knows which
kernel options are supported.

Make sure that your system is set up to auto-load
your filesystem kernel module on mount.

Enabling passphrase-mode only for now.

Error attempting to evaluate mount options; rc = [-95]. See your system logs for more details on why this happened. Try updating/reinstalling your ecryptfs-utils package, contact your operating system vendor, and/or submit a bug report on the ecryptfs-devel mailing list on Launchpad.
failed!

OVZ Host is debian lenny:
Linux cheetah 2.6.26-2-openvz-amd64 #1 SMP Tue Mar 9 23:10:10 UTC 2010 x86_64 GNU/Linux
vzctl version 3.0.22

I have tried to load the ecryptfs kernel module on the host, does not help...
Inside the container, /proc/filesystems does not show ecryptfs

Thanks!! Cheers, Hank

Subject: Re: ecryptfs inside container - supported?
Posted by sunoano on Thu, 06 May 2010 21:59:12 GMT
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have a look at
http://sunoano.name/ws/public_xhtml/debian_security.html#fil esystem-level_encryption

Subject: Re: ecryptfs inside container - supported?
Posted by hverbeek on Fri, 07 May 2010 06:54:31 GMT
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Thanks sunoano, very nice howto.

My point though is that I'd like to run it *inside* the VE, if that is possible. I would like to avoid having to do this on the OVZ Host (via the /vz/root/<VEID> path).

Cheers,
Hank

Subject: Re: ecryptfs inside container - supported?
Posted by sunoano on Fri, 07 May 2010 09:11:02 GMT
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I'd love to not having to touch the HN as well; afaict there's no other way that's why I do the mount/umount from the HN. Maybe there is some way now, there wasn't fall 2009 when I set things up.

If you come across some info that would allow us not having to involve the HN then by all means, tell me please

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Subject: Re: ecryptfs inside container - supported?
Posted by maratrus on Fri, 07 May 2010 14:34:07 GMT
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No, unfortunately ecryptfs is not virtualized yet.
But you can file a new bug report. I don't think that
it will have very high priority but at least it will
indicate that somebody needs this feature.
