Subject: fuse can not be used in containers after fuse-2.7.3 is installed in Hardware Node
Posted by efishing on Sun, 27 Apr 2008 11:32:19 GMT
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I install fuse 2.7.3 with kernel module in CentOS 5. FUSE functions well in Hardware Node, but in container, I use "cat /proc/filesystems", and I can not find fuse and fusectl, so I can't mount fuse file system in container. If I install fuse 2.7.3 wihout kernel module, there is no problem.

Subject: Re: fuse can not be used in containers after fuse-2.7.3 is installed in Hardware Node
Posted by maratrus on Mon, 28 Apr 2008 10:01:27 GMT
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Hello,

1. What kernel do you use? ("uname -a")
2. Could you please specify what does it mean
Quote:
If I install fuse 2.7.3 without kernel module

3. Have you restarted your CT after you'd loaded fuse module on HN.

Thank You!

Subject: Re: fuse can not be used in containers after fuse-2.7.3 is installed in Hardware Node
Posted by efishing on Mon, 28 Apr 2008 13:40:44 GMT
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I want to use a FUSE file sytem "GlusterFS"(www.glusterfs.org) in container. The developers of glusterfs recommend to use a patched fuse module, but I cannot use glusterfs in container after I installed their rpm packages, so I decided to install original FUSE first.
My running kernel was downloaded from this website: 2.6.18-53.1.13.el5.028stab053.10, x86_64, smp
OS: CentOS 5.1.
Before I install fuse 2.7.3, use:
vzctl exec <ctid> cat /proc/filesystems
the result is :

```
        ext2
        ext3
nodev   rpc_pipefs
nodev   autofs
```

nodev proc
nodev sysfs
nodev tmpfs
nodev devpts
nodev fusectl
nodev fuse

I download fuse 2.7.3 from fuse.sourceforge.net, then:
./configure --prefix=/usr --enable-kernel-module
make
make install
ldconfig
rmmod fuse
modprobe fuse

I restart the container, execute:
vzctl exec <ctid> cat /proc/filesystems
the result is :
ext2
ext3
nodev rpc_pipefs
nodev autofs
nodev proc
nodev sysfs
nodev tmpfs
nodev devpts

fuse module is not loaded in the container, so I can't use FUSE in containers. Rebooting the HN can not solve the problem.

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Subject: Re: fuse can not be used in containers after fuse-2.7.3 is installed in Hardware Node
Posted by TheWiseOne on Thu, 01 May 2008 16:09:03 GMT
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I'm gonna bet it's not the version, but the fact that the custom-compiled fuse module is not virtualized like the one included with the OpenVZ kernel.

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