Subject: suexec permission problem when simfs + centos 7 + tar/cp backup
Posted by nethubonline on Tue, 13 Oct 2015 08:09:38 GMT
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Hi all,

VZ Kernel: 2.6.32-042stab111.12
Guest OS: CentOS Linux release 7.1.1503 (Core)
Apache RPM (official CentOS yum repository): httpd-2.4.6-31.el7.centos.1.x86_64
VE_LAYOUT: simfs

After I create a guest OS with CentOS and Apache installed, usually I use rsync/cp/tar /vz/private/VEID to backup the VM. However I found that I cannot backup /usr/sbin/suexec correctly and some of my PHP does not work properly (with mod_fcgid) with "failed to setgid" error.

I checked the /usr/sbin/suexec in CentOS 7 is no longer setuid root, instead it is using Linux capabilities ( https://welldefinedbehaviour.wordpress.com/2014/01/27/safer-suexec-from-setuid-to-linux-capabilities/). I tried to cp/tar /usr/sbin/suexec, and finally the new suexec files does not has the Linux capabilites. This is the main reason to cause my mod_fcgid failure.

Can anyone tell me How can I copy/tar/backup VM correctly without concerning any VM files have the Linux capabilities?

PS: I tested ploop does not has this problem because whole VM is a image, however for some reason I need to use simfs.

Subject: *SOLVED* suexec permission problem when simfs + centos 7 + tar/cp backup
Posted by nethubonline on Thu, 15 Oct 2015 06:36:29 GMT
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found "cp -Rf --preserve=all" work for Linux capabilities