Subject: "permission denied" error on CT rc.local script to add custom commands by regular
Posted by knawnd on Sat, 25 Jun 2011 16:56:31 GMT
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Hi!

I need to add in script some custom commands into /etc/rc.local file
located in CT filesystem in order to execute them on CT start up. It
needs to be done under regular user with full root rights granted via
sudo. But "permission denied" error appears.

```
$ sudo echo "# oneadmin test" >> /vz/private/164/etc/rc.d/rc.local
-bash: /vz/private/164/etc/rc.d/rc.local: Permission denied

$ grep -v ^# /etc/sudoers|grep -v ^$
Defaults    env_reset
Defaults    env_keep = "COLORS DISPLAY HOSTNAME HISTSIZE INPUTRC KDEDIR \
                    LS_COLORS MAIL PS1 PS2 QTDIR USERNAME \
                    LANG LC_ADDRESS LC_CTYPE LC_COLLATE
LC_IDENTIFICATION \
                    LC_MEASUREMENT LC_MESSAGES LC_MONETARY LC_NAME
LC_NUMERIC \
                    LC_PAPER LC_TELEPHONE LC_TIME LC_ALL LANGUAGE
LINGUAS \
                    _XKB_CHARSET XAUTHORITY"
root    ALL=(ALL)       ALL
%cloud  ALL=(ALL)       NOPASSWD: ALL

$ id
uid=9000(oneadmin) gid=9001(cloud) groups=9001(cloud)

$ sudo id
uid=0(root) gid=0(root)
 groups=0(root),1(bin),2(daemon),3(sys),4(adm),6(disk),10(whe el)

$ sudo ls -al /vz/private/164/etc/rc.d/rc.local
-rwxr-xr-x 1 root root 227 Jun 25 20:17 /vz/private/164/etc/rc.d/rc.local
```

Whereas the same command (i.e. echo "# oneadmin test" >>
/vz/private/164/etc/rc.d/rc.local) is performed normally under superuser.

CT is based on Scientific Linux 5 template. Hardware node is running
under CentOS 5.6.

Does someone have any ideas what can be the reason of insufficient
privileges for regular user with full root rights granted via sudo?

Thanks in advance,
Nikolay.

Subject: Re: "permission denied" error on CT rc.local script to add custom commands by reg
Posted by Sharp on Sat, 25 Jun 2011 17:14:47 GMT
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On Sat, Jun 25, 2011 at 8:56 PM, <knawnd@gmail.com> wrote:
> $ sudo echo "# oneadmin test" >> /vz/private/164/etc/rc.d/rc.local
> -bash: /vz/private/164/etc/rc.d/rc.local: Permission denied
>
> Does someone have any ideas what can be the reason of insufficient
> privileges for regular user with full root rights granted via sudo?

That's simple. Your echo command is running as root because of sudo.
But the shell that's redirecting echo's output is still running as
you.

You can become a root and do that command without any problems.

Subject: Re: "permission denied" error on CT rc.local script to add custom commands by reg
Posted by knawnd on Sat, 25 Jun 2011 17:56:36 GMT
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Sharp wrote on 25/06/11 21:14:
> On Sat, Jun 25, 2011 at 8:56 PM,<knawnd@gmail.com> wrote:
>> $ sudo echo "# oneadmin test">> /vz/private/164/etc/rc.d/rc.local
>> -bash: /vz/private/164/etc/rc.d/rc.local: Permission denied
>>
>> Does someone have any ideas what can be the reason of insufficient
>> privileges for regular user with full root rights granted via sudo?
>
> That's simple. Your echo command is running as root because of sudo.
> But the shell that's redirecting echo's output is still running as
> you.
>
> You can become a root and do that command without any problems.
Thanks for quick reply!

I need to do that in a script. I found the solution:
$ sudo bash -c 'echo "# oneadmin test 2" >> /vz/private/164/etc/rc.local'

Regards,

Nikolay.