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Subject: ACLs on VPS!

Posted by [doublet](#) on Wed, 23 Jan 2008 05:30:02 GMT

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Hi, I'm a customer of a couple of LxAdmin VPSs with CentOS.

After searching some info about making an anonymous FTP server, I decided to modify some parameters on pure-ftpd default installation. Works fine, except that I want to use 2 different users accessing to a same folder, the standard user and the anonymous user.

After seeing that, I decided to use ACLs to avoid the ftpd error "Sorry, we were unable to read [.]", but seems that ACLs maybe are not compatible with VPSs, or maybe I'm just lost ....

Any idea?

Thanks!

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Subject: Re: ACLs on VPS!

Posted by [maratrus](#) on Fri, 25 Jan 2008 07:54:02 GMT

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Hi,

can you please specify what operation with ACL has failed.

Thank You!

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Subject: Re: ACLs on VPS!

Posted by [doublet](#) on Fri, 25 Jan 2008 16:10:22 GMT

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Well ... i guess ACL is not implemented in this kind of kernels, am I right?

also commands are not there.

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Subject: Re: ACLs on VPS!

Posted by [maratrus](#) on Mon, 28 Jan 2008 16:45:16 GMT

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Hi,

Quote:also commands are not there

I think you need appropriate packages: for example on my Fedora node

`$rpm -qf `which getfacl``

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acl-2.2.39-3.1.fc7

Quote:Well ... i guess ACL is not implemented in this kind of kernels, am I right?  
I've experimented with ACL a little time on my node. So I guess that it is possible to use ACL on VPS but I've spent a very little time to affirm this issue for sure.

I'll be very appreciate you if try to use ACL inside VPS and if something will be wrong please report a problem there. Many thanks you!

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Subject: Re: ACLs on VPS!  
Posted by [doublet](#) on Mon, 28 Jan 2008 17:11:42 GMT  
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I use CentOS, not an expert about this issues, but I'll try to do when have some time .... wich command u think should I use to install those packages?

Thanks so much maratrus!

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Subject: Re: ACLs on VPS!  
Posted by [maratrus](#) on Mon, 28 Jan 2008 17:25:38 GMT  
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Hi,

1.Quote:I use CentOS  
Is it your HN or VPS? Please specify the otemplate of your VPS.  
2. rpm -qa | grep acl (on HN and inside VPS)  
3. if you have yum installed on your system you can simply do:  
# yum install acl (on HN) - to install acl package on HN  
vzyum <VE\_ID> install acl (on HN) - to install acl package to your VPS's with VPS ID = <VE\_ID>.

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Subject: Re: ACLs on VPS!  
Posted by [doublet](#) on Mon, 28 Jan 2008 19:00:39 GMT  
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```
[root@xl2u~]# screen -r
yum install acl[root@rjd2 ~]# yum install acl
Setting up Install Process
```

```
Reading repository metadata in from local files
primary.xml.gz      100% |=====| 1.9 MB   00:02
dag      : ##### 8418/8418
Added 115 new packages, deleted 0 old in 59.38 seconds
primary.xml.gz      100% |=====| 70 kB   00:00
```

```

update : ##### 225/225
Added 26 new packages, deleted 0 old in 6.36 seconds
primary.xml.gz      100% |=====| 25 kB  00:00
lxlabsupda: ##### 61/61
Added 0 new packages, deleted 0 old in 0.59 seconds
primary.xml.gz      100% |=====| 1.9 MB  00:03
rpmforge : ##### 8418/8418
Added 115 new packages, deleted 0 old in 52.58 seconds
primary.xml.gz      100% |=====| 3.4 kB  00:00
lxlabslxup: ##### 6/6
Added 0 new packages, deleted 0 old in 0.05 seconds
Parsing package install arguments
Resolving Dependencies
--> Populating transaction set with selected packages. Please wait.
---> Downloading header for acl to pack into transaction set.
acl-2.2.23-5.3.el4.i386.r 100% |=====| 6.2 kB  00:00
---> Package acl.i386 0:2.2.23-5.3.el4 set to be updated
--> Running transaction check

```

Dependencies Resolved

```

=====
=====
Package           Arch    Version      Repository    Size
=====
=====
Installing:
acl               i386    2.2.23-5.3.el4 base          59 k

```

Transaction Summary

```

=====
=====
Install    1 Package(s)
Update     0 Package(s)
Remove     0 Package(s)
Total download size: 59 k
Is this ok [y/N]: y
Downloading Packages:
(1/1): acl-2.2.23-5.3.el4 100% |=====| 59 kB  00:00
Running Transaction Test
Finished Transaction Test
Transaction Test Succeeded
Running Transaction
  Installing: acl                ##### [1/1]

Installed: acl.i386 0:2.2.23-5.3.el4
Complete!
[root@xl2u~]# rpm -qa | grep acl

```

libacl-2.2.23-5  
acl-2.2.23-5.3.el4

Seems that app installed perfectly.

This is a VPS, provider should check if is ACL installed on node.

About the ostemplate, i guess is "hostinabox" lxadmin on centos 4.5.

About the node, i can do nothing, maybe ask provider if they have that libs installed ... or maybe i can check that?

testing setfacl now .... never used it before!

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Subject: Re: ACLs on VPS!

Posted by [doublet](#) on Mon, 28 Jan 2008 20:08:27 GMT

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Got it ....

```
[root@xl2u~~]# getfacl program-install.zip
# file: program-install.zip
# owner: root
# group: root
user::rw-
group::r--
other::r--
```

```
[root@xl2u~~]# setfacl -m g:adifad:r program-install.zip
[root@xl2u~~]# getfacl program-install.zip
# file: program-install.zip
# owner: root
# group: root
user::rw-
group::r--
group:adifad:r--
mask::r--
other::r--
```