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Subject: WORKAROUND - Does AutoFS work in OpenVZ yet?

Posted by [dranch](#) on Fri, 12 Oct 2007 16:20:19 GMT

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Hello Everyone,

I'm trying to get NIS/AutoFS/NFS working here on Centos5 VPSs but it's not working out. Per a thread dated August 2006, it said that AUTOFS hadn't been virtualized yet.

[http://forum.openvz.org/index.php?t=tree&goto=4960&& amp; srch=autofs#msg\\_4960](http://forum.openvz.org/index.php?t=tree&goto=4960&& amp; srch=autofs#msg_4960)

Has this issue been fixed?

Looking at the most current Centos5 kernel configuration, AutoFS4 *is* a module and autofs works fine in the machine VPS (VPS#0).

<http://download.openvz.org/kernel/branches/rhel5-2.6.18/028stab045.1/configs/kernel-2.6.18-i686.config.ovz>

```
--  
...  
# CONFIG_AUTOFS_FS is not set  
CONFIG_AUTOFS4_FS=m
```

```
...  
--
```

The machine is running the current OpenVZ kernel, fully patched, etc.

When I start a VPS and autofs starts up, I see:

```
--  
Oct 11 19:11:56 fruitpie-A automount[21693]: Starting automounter version 5.0.1-0.rc2.43.0.2,  
master map auto.master  
Oct 11 19:11:56 fruitpie-A automount[21693]: using kernel protocol version 5.00  
Oct 11 19:11:56 fruitpie-A automount[21693]: do_mount_autofs_indirect: failed to create autofs  
directory /misc  
Oct 11 19:11:56 fruitpie-A automount[21693]: handle_mounts: mount of /misc failed!  
Oct 11 19:11:56 fruitpie-A automount[21693]: master_do_mount: failed to startup mount  
Oct 11 19:11:56 fruitpie-A automount[21693]: master_read_master: no mounts in table  
--
```

When a remote user tries to log into a VPS, the authentication (NIS) works but they can't get into their homedir:

```
--
```

dranch@fruitpie-a's password:

Last login: Thu Oct 11 19:11:43 2007 from dolly-centos5

Could not chdir to home directory /homes/dranch: No such file or directory

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The OpenVZ configuration is fairly basic:

1. I'm using the posted Centos5 i686 "default" template to run three VPSs

2. My VPS configuration is pretty basic. The only thing that might be a little advanced is the hardware node has (4)NICs. eth0 is for the management network and the remaining three are mapped directly into a VPS for dedicated use. Everything is fine as the VPSs can "ypcat" the various NIS maps, SSH around, etc. It's just

--

```
ORIGIN_SAMPLE="pvl.basic"
```

```
OSTEMPLATE="centos-5-i386-default"
```

```
NAME="fruitpie-A"
```

```
HOSTNAME="fruitpie-A"
```

```
IP_ADDRESS="10.159.16.102"
```

```
NAMESERVER="172.17.28.100 172.17.28.101"
```

```
NETDEV="eth1"
```

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Thoughts?

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