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Subject: mount issue

Posted by [molliver](#) on Thu, 03 Apr 2008 08:52:17 GMT

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Hi,

I have used nsscache from code.google.com and created passwd and group db files on my host node. I have checked the files there and they are correct.

I then mounted these files via a bind mount, however when i look at the files on the VE they are slightly different to the HN, some of the characters have been changed and so it will not read the file correctly.

```
vps.mount script
#!/bin/bash
. /etc/vz/vz.conf
. $VE_CONFFILE
set -x
mount -n --bind /var/nsscache $VE_ROOT/var/nsscache
```

The host is Centos 5.1

The VE is Centos 4.4

Kernel = 2.6.18-ovz028stab035.1-smp

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Subject: Re: mount issue

Posted by [vaverin](#) on Fri, 04 Apr 2008 10:18:30 GMT

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Hi Mark,

Looks strange, files should have the same content.

Sorry for question, but are You sure taht you are accessed the same file? Could You please recheck it and then describe the situation in more details?

Thank you,  
Vasily Averin

PS. 028stab035.1 kernel is quite old, could you please update it before tests?

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Subject: Re: mount issue

Posted by [molliver](#) on Fri, 04 Apr 2008 10:22:15 GMT

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Hi,

Yes 100% sure it is the same file, it is not a mount issue i dont think as I created some plain text files in that directory and they are fine when mounted.

The files which have issues are .db files. My only wonder is could it be because they were created on the HN which is Centos 5.1 and my VE trying to read them is Centos 4.4?

Regards

Mark

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Subject: Re: mount issue

Posted by [molliver](#) on Fri, 04 Apr 2008 10:40:06 GMT

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To replicate this, I have a HN who's release is Centos 5.1. On their i am using nsscache (from google code) to create passwd.db files.

I have then mounted the directory where these file are created on the HN into the VE via a vps.mount script mount -n bind ....

In the VE however if you do a hexdump -C on the file you can see that the contents are slightly different. This is enough to stop nss db module from reading the file.  
The VE is centos 4.4

Let me know if you need anymore.

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Subject: Re: mount issue

Posted by [vaverin](#) on Fri, 04 Apr 2008 10:54:08 GMT

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Hi Mark,

Could you please show stat output for this file inside VE and on the host node? md5sum output also would be very useful.

thank you,  
Vasily Averin

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Subject: Re: mount issue

Posted by [molliver](#) on Fri, 04 Apr 2008 14:21:49 GMT

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#####

VE

```
[mpo@devel nsscache]$ sum passwd.db
53632 456
```

```
[mpo@devel nsscache]$ stat passwd.db
```

```
File: `passwd.db'
Size: 466944  Blocks: 920    IO Block: 4096  regular file
Device: 305h/773d Inode: 491522  Links: 1
Access: (0644/-rw-r--r--)  Uid: (  0/  root)  Gid: (  0/  root)
Access: 2008-04-04 15:15:06.000000000 +0100
Modify: 2008-04-03 00:36:47.000000000 +0100
Change: 2008-04-03 00:36:47.000000000 +0100
```

#####

HN

```
[mpo@eu-box8 nsscache]$ sum passwd.db
53632 456
```

```
[mpo@eu-box8 nsscache]$ stat passwd.db
```

```
File: `passwd.db'
Size: 466944  Blocks: 920    IO Block: 4096  regular file
Device: 305h/773d Inode: 491522  Links: 1
Access: (0644/-rw-r--r--)  Uid: (  0/  root)  Gid: (  0/  root)
Access: 2008-04-04 15:17:13.000000000 +0100
Modify: 2008-04-03 00:36:47.000000000 +0100
Change: 2008-04-03 00:36:47.000000000 +0100
```

odd, i have just checked and now these two files are the same??

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Subject: Re: mount issue

Posted by [vaverin](#) on Fri, 04 Apr 2008 14:39:13 GMT

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Hi Mark,

thank you for the logs.

Now I would like to see the difference in file content.

Could You please execute something like "strace -o ve.log cat passwd.db > passwd.db.VE" inside VE and "strace -o hn.log cat passwd.db > passwd.db.HN" on the host node, we'll try to find some difference.

Also I would like to ask are you sure that this file is not changed between read attempts? Nor from inside VE, nor from HN?

thank you,  
Vasily Averin

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