
Subject: *SOLVED* NFS again: ls: reading directory .: Input/output error

Posted by [aphexer](#) on Wed, 18 Jul 2007 17:46:17 GMT

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When I export a directory which is not group executable I get this error: ls: reading directory .: Input/output error when running ls on it.

I assume it's just me, having set the permissions wrong. Anyone a clue why it doesn't just say permission denied?

Step by step:

I have 2 VE's: one NFS server(10.1.1.2), the other NFS client(10.1.1.7).

On the server VE:

```
# mkdir /test
# chmod 755 /test
(setup /etc/exports)
relevant line:
/test          10.1.1.0/24(ro,root_squash)
```

On the client VE:

```
# mount 10.1.1.2:/test /mnt
# ls /mnt
dir1
(it worked)
```

```
# umount /mnt
```

On the server again:

```
# chmod g-x /test
```

Client again:

```
# mount 10.1.1.2:/test /mnt
# ls /mnt
ls: reading directory /mnt: Input/output error
```

When I change the root_squash to no_root_squash the error is gone...

Thanks in advance for any help:)
