

NFS won't work (RH9, simple LAN)

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux.misc/2004-02/0074.html>

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I have spent enough time trying to solve this problem that it's time to ask for help.

I have a RH9 server install (hostname "server") that I'm trying to get to host a couple directories for a RH9 workstation install (hostname "Desktop"). I can ssh from Desktop to server just fine. I also had NFS working earlier when Desktop was a Mandrake 9.0 system, so I've got to be close.

Client's /var/log/boot.log reports:

Jan 31 22:40:24 Desktop netfs: Mounting NFS filesystems: failed

A mount from the shell on Desktop times out.

server's /etc/exports file:

```
/home/law/ Desktop(rw, sync, no_root_squash)
/var/www/html/ Desktop(rw, sync, no_root_squash)
```

server's /etc/hosts file:

```
# Do not remove the following line, or various programs
# that require network functionality will fail.
127.0.0.1 localhost.localdomain localhost
192.168.0.3 server
192.168.0.2 Desktop
```

server's /etc/hosts.allow file:

```
#
# hosts.allow This file describes the names of the hosts which are
# allowed to use the local INET services, as decided
# by the '/usr/sbin/tcpd' server.
#
192.168.0.2: Desktop
```

server's /etc/hosts.deny file is empty (except comments).

Finally, here's the relevant parts of Desktop's fstab:

boot.log reports:

Jan 31 22:40:24 Desktop netfs: Mounting NFS filesystems: failed

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A mount from the shell times out.

```
server:/home/law /mnt/server/home nfs
```

```
rsize=8192,wsiz=8192,timeo=14,intr
```

```
server:/var/www/html /mnt/server/html nfs
```

```
rsize=8192,wsiz=8192,timeo=14,intr
```

Did I forget anything needed for a diagnosis?

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Lynn Wallace

<http://www.xmission.com/~lawall>

"We should not march into Baghdad. ... Assigning young soldiers to a fruitless hunt for a securely entrenched dictator and condemning them to fight in what would be an unwinnable urban guerilla war, it could only plunge that part of the world into ever greater instability." George Bush Sr. in his 1998 book "A World Transformed"