

Re: NFS mount on AIX 5.2

Source: <http://unix.derkeiler.com/Newsgroups/comp.unix.aix/2003-12/0111.html>

From: Steve Bassler (*sbassle_at_alleghenyenergy.com*)

Date: 12/05/03

Date: 5 Dec 2003 10:34:50 -0800

Steve Bassler <bassmstr.delete.this.to.reply@adelphia.net> wrote in message news:<oprzovjgn6w038d5@news>...

> On Thu, 4 Dec 2003 08:20:16 +0100, Andreas Schulze <b79xan@gmx.de> wrote:

>

>> "Steve Bassler" <bassmstr.delete.this.to.reply@adelphia.net> schrieb im

>> Newsbeitrag news:oprzowddcgw038d5@news...

>>> On Wed, 3 Dec 2003 16:19:56 +0100, Andreas Schulze <b79xan@gmx.de>

>>> wrote:

>>>

>>>> "Steve Bassler" <sbassle@alleghenyenergy.com> schrieb im Newsbeitrag

>>>> news:9f303a71.0312021054.352b9715@posting.google.com...

>>>>

>>>>> I have just installed my first AIX 5.2 system. I have an NFS-mounted

>>>>> common directory which I would like to mount at system boot time.

> The

>>>>> /etc/filesystems entry reads:

>>>>>

>>>>> /Common:

>>>>> dev = "/Common"

>>>>> vfs = nfs

>>>>> nodename = NFSserver

>>>>> mount = true

>>>>> options = ro,bg,soft,intr,retry=5,retrans=3

>>>>> account = false

>>>>>

>>>>> This is exactly what we use for AIX 4.3.3 and 5.1 and it works fine,

>>>>> but I cannot get it to work with 5.2. When I boot, the filesystem

>>>>> does not mount. After the boot, I can mount it manually with just a

>>>>> "mount /Common" command.

>>>>>

>>>>> Am I doing something wrong? Did AIX 5.2 change something?

>>>>>

>>>>> Thanks,

>>>>> Steve

>>>>>

>>>>>

>>>>> Hallo Steve,

>>>>>

```
> >> > try
> >> > # alog -ot boot
> >> > to see what is happening during boot.
> >> >
> >> > Regards,
> >> > Andreas
> >> >
> >> >
> >> Hello Andreas,
> >>
> >> I did, and it simply says something like "Performing all automatic
> >> mounts." (I don't have it here in front of me, so I'm not sure of the
> >> exact wording.) But it showed nothing unusual at all.
> >>
> >> Thanks,
> >> Steve
> >
> > Hallo Steve,
> >
> > I see. Question: why do you limit the number of retries for the mount to
> > five? Default is 10000 IIRC. So if there should be some sort of timing
> > problem you might simply try remove the limitation on retries first and
> > watch what's happening then. With intr and bg set, this should not
> > result in problems. If increasing the number of retries works (i.e. the
> > fs is mounted) you are on the right track. Then you might reduce the
> > value to 5000, then 2500 ... you are getting the idea.
> >
> > HTH,
> > Andreas
> >
> >
> > Hi Andreas,
> >
> > Thanks for the ideas. We chose the retries value at random, because we
> > needed to limit the impact on production machines if the remote host
> > became unavailable. (It did once, and we took a lot of heat when systems
> > became unresponsive.) I'll try with larger values and see what happens.
> >
> > Again, thanks!
> > Steve
```

Hi Andreas,

I increased the retries to 2000 (the default is 1000) and also set it to hard mount, but still no success. Here is the current /etc/filesystems entry:

```
/Common:
dev = "Common"
vfs = nfs
nodename = NFSServer
```

comp.unix.aix: Re: NFS mount on AIX 5.2

```
mount = true  
options = ro,bg,hard,intr,retry=2000,retrans=3  
account = false
```

Any other thoughts?

Steve