

SMBmount conspiracy

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I have aquariums, both freshwater and marine, so I do a lot of water tests. These are the tests where you fill a vial of the water, put in some drops and wait for the solution to turn a certain color ... then you match the color against a chart. Part of our hobby is the running complaint that we get these BEAUTIFUL colors in the vial ... perfect in EVERY way except they bear no relation or resemblance to the colors on the chart. I personally know 15 people that have ALL noticed the same thing, with the same kit ... yet somehow the manufacturer claims that they've never, ever, EVER heard of this before.

So it' not just computers.

I have Red Hat Enterprise Linux ES release 4 (Nahant) Kernel 2.6.9-5.ELsmp on an i686 And I'm trying to connect to a Windows 2003 Server (not domain controller) as a shared file using EITHER ONE of the following command lines:

```
#smbmount //img1/docs /home/documents -o  
dmask=777,fmask=0444,gid=100,uid=501,username=documents,password=passwd
```

-or-

```
#mount -t cifs //img1/docs /home/documents -o  
dir_mode=0777,file_mode=0444,gid=100,uid=501,username=documents,password=passwd
```

In EITHER case the mount succeeds and I can CD to the directory and all the subdirectories underneath and LS each and every file with no problem. Until I try to read, copy or move the file itself ... in which case I get

```
cp: 10000099.TIF: read error: Permission denied
```

But I can actually log into the Win2003 system as that user and all my permissions on the directories are fine.

So I hit the net and the docs and the forums and everyone says that Windows 2003 has a problem with digital signing. Even Red Hat has an errata on it, saying

Local Policies – Security Options – Microsoft network client – digitally sign communications (always) – DISABLED

Local Policies – Security Options – Microsoft network client – digitally sign communications (if server agrees) – DISABLED

Local Policies – Security Options – Microsoft network server – digitally sign communications (always) – DISABLED

Local Policies – Security Options – Microsoft network server – digitally sign communications (if server agrees) – DISABLED

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Well ... two problems

- 1) That Eratta talks about CONNECTION failing ... not read errors.
-and-
- 2) There AIN'T NO SUCH entry on my Windows 2003!!

Under administrative tools -> local security policy --> Security settings ->local policies -> security
I have "digitally sign client communications (always)" and the same with (when possible) and then two more
for "server" communications.

Close enough, right?

So I change those & reboot

No difference

So I run regedit & search & change EVERY similar setting & reboot

No difference.

Since the mount works (either one) and all the directory traversals work just fine ... it will probably comes as
no surprise to you that (A) no log file anywhere contains any relevant messages and (B) the DEBUG functions
don't work because they MOUNT worked just fine.

Oh yeah ... and smbclient works JUST FINE until I find a file and attempt to GET that file ... then I get
NT_STATUS_ACCESS_DENIED

I'm sure it's a Windows problem (it usually is) ... but I'm wondering if anyone has seen THIS PARTICULAR
color (error) before?

No virus found in this outgoing message.

Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.10.16/914 – Release Date: 7/23/2007 7:45 PM

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