

## RE: SMBmount conspiracy

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*Source:* <http://linux.derkeiler.com/Mailing-Lists/RedHat/2007-07/msg00149.html>

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- *From:* "Kozakoff,Stephen J" <[kozaksj@xxxxxxx](mailto:kozaksj@xxxxxxx)>
  - *Date:* Wed, 25 Jul 2007 09:20:41 -0400
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I have the same setup – win2k3/RHEL ES4

My local security policy settings are like this:

In Local Security Settings navigate to:  
Local Policies >> Local Policies >> Security Options

Microsoft network client – digitally sign communications (always) –  
DISABLED

Microsoft network client – digitally sign communications (if server  
agrees) – ENABLED

Microsoft network server – digitally sign communications (always) –  
DISABLED

Microsoft network server – digitally sign communications (if server  
agrees) – DISABLED

Also, check the permissions for the user you are using to logon. Make  
sure the user is not directly or indirectly (through group membership)  
being "denied" read access to the files. Deny permissions take precedent  
over all other permissions in Windows.

Turn on Auditing:  
In Local Security Settings navigate to:  
Local Policies >> Audit Policy  
Set Audit Object Access == Failure

Next turn on auditing of Read events on the folder you are accessing.

Now you can check the Security event log to see if you can glean why  
access is being denied.

HTH.

–Steve

-----Original Message-----

From: [redhat-list-bounces@xxxxxxxxxx](mailto:redhat-list-bounces@xxxxxxxxxx)  
[<mailto:redhat-list-bounces@xxxxxxxxxx>] On Behalf Of Darrel Barton  
Sent: Wednesday, July 25, 2007 12:11 AM

RE: SMBmount conspiracy

To: redhat-list@xxxxxxxxxx  
Subject: SMBmount conspiracy

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,

RE: SMBmount conspiracy

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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

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 come 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?

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