

Re: Win 2003 svr/ASP.NET 2.0 UNC share

Source:

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2007-05/msg00042.html>

- *From:* "Langedal, Roger" <roglan19@xxxxxxxxxxxx>
 - *Date:* Tue, 8 May 2007 12:26:35 +0200
-

hmmmm.....auth seems to work using Kerberos between the webserver and client:

event log from WEBSERVER:

Event Type: Success Audit
Event Source: Security
Event Category: Logon/Logoff
Event ID: 540
Date: 2007-05-08
Time: 12:17:02
User: MYDOMAIN\RLA
Computer: WEB1
Description:
Successful Network Logon:
User Name: RLA
Domain: MYDOMAIN
Logon ID: (0x0,0x5FC7F2AC)
Logon Type: 3
Logon Process: Kerberos
Authentication Package: Kerberos
Workstation Name:
Logon GUID: {624ca6b7-acdf-1e0c-f71d-b89a9ca74c6f}
Caller User Name: -
Caller Domain: -
Caller Logon ID: -
Caller Process ID: -
Transited Services: -
Source Network Address: 10.1.1.99
Source Port: 50135

but not on the file server something seems odd.

It looks like me that the webserver tries to connect using Kerberos first using a user named WEB1\$(??) and then NTLM an ANONYMOUS.....

eventlog of WEB2

Event Type: Success Audit

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Event Source: Security
Event Category: Logon/Logoff
Event ID: 540
Date: 08.05.2007
Time: 12:20:12
User: MYDOMAIN\WEB1\$
Computer: WEB2
Description:
Successful Network Logon:
User Name: WEB1\$
Domain: MYDOMAIN
Logon ID: (0x0,0x52375B9)
Logon Type: 3
Logon Process: Kerberos
Authentication Package: Kerberos
Workstation Name:
Logon GUID: {2981b3ae-a8dd-1971-830a-3dd64c0d27ac}
Caller User Name: -
Caller Domain: -
Caller Logon ID: -
Caller Process ID: -
Transited Services: -
Source Network Address: 10.1.1.55
Source Port: 0

Event Type: Success Audit
Event Source: Security
Event Category: Logon/Logoff
Event ID: 540
Date: 08.05.2007
Time: 12:20:12
User: NT AUTHORITY\ANONYMOUS LOGON
Computer: WEB2
Description:
Successful Network Logon:
User Name:
Domain:
Logon ID: (0x0,0x52375C4)
Logon Type: 3
Logon Process: NtLmSsp
Authentication Package: NTLM
Workstation Name: WEB1
Logon GUID: -
Caller User Name: -
Caller Domain: -
Caller Logon ID: -
Caller Process ID: -
Transited Services: -
Source Network Address: 10.1.1.55
Source Port: 0

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"Dominick Baier" <dbaier@xx> wrote in message
news:51eb3048f5a38c95f7dba36ddf0@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Hi,
you are welcome ;)

try CIFS and HOST + the name of the machine as you use it in the UNC path.

Dominick Baier (<http://www.leastprivilege.com>)

Developing More Secure Microsoft ASP.NET 2.0 Applications
(<http://www.microsoft.com/mspress/books/9989.asp>)

Hey,

First of all – thanks for you patience and excellent help on this one
Dominick... :-)

I use <http://demoapp.mydomain.com>

I got kerberos working now between client and webserver by using
setspn –A HTTP/demoapp.mydomain.com web1

Now I need to setup Kerberos between the web1 and fileserver web2.
What service am I supposed to use for setspn on the fileserver?

Roger

"Dominick Baier" <dbaier@xx>
wrote
in message
news:51eb3048f59e8c95f7427220f70@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

what do you type into IE to open the web app?

Dominick Baier (<http://www.leastprivilege.com>)
Developing More Secure Microsoft ASP.NET 2.0
Applications
(<http://www.microsoft.com/mspress/books/9989.asp>)

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Sorry – didn't see the article yesterday :-P

Excellent article – stepped through the troubleshooting part
– seems the two servers are negotiating NTLM between them....
– seems the client and webserver also negotiated NTLM

Do you have any ideas on how the SPN should be setup?

The webserver hosting the app is running IIS6 under the "Network Service"

account and is called web1.mydomain.com
Used LDP to find these SPN's already configured:

servicePrincipalName: SMTPSVC/WEB1;
SMTPSVC/STRA-WEB1.mydomain.com;
HOST/WEB1;
HOST/WEB1.mydomain.com;

Pretty much the same with the filesharing server only the name is web2:

Regards,

Roger

"Dominick Baier"

<dbaier@xx>

wrote

in message

news:51eb3048f4a98c95ed3bb39c0a0@xx

you haven't read the article,
did you?

Are you sure your SPNs are
setup correctly – are you
REALLY using
Kerbers (check the security
event log of the web server
for logon
events – which
authentication package to
you see?)

Dominick Baier

(<http://www.leastprivilege.com>)

Developing More Secure

Microsoft ASP.NET 2.0

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Thanks
Dominick,

1. The web server is a win2003/iis 6 box – same with the box I've setup the share on for test purposes – both members of our domain

2. I am impersonating an using a domain account to access the site.

3. The site is setup with "Integrated auth"

4. The DC is running as "Windows 2000 native" at the domain functional level

5. The webserver hosting the app is setup as "Trust computer for delegation"

Still doesn't

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set
up
(which
is
not
the
default)

have
a
look
here:

<http://msdn.microsoft.com/msdnmag/issues/05/09/SecurityBr>
au
lt
.aspx

Dominick
Baier
(<http://www.leastprivilege.com>)
Developing
More
Secure
Microsoft
ASP.NET
2.0
Applications
(<http://www.microsoft.com/mspress/books/9989.asp>)

I
do
impersonate.
Testing
with
my
own
account
-
and
it
does
have
more
than
sufficient
permissions.

"Alexey
Smirnov"

Re: Win 2003 svr/ASP.NET 2.0 UNC share

<alexey.smirnov@xxxxxxxx>

wrote

in

message

news:1178308306.449322.237080@xxxxxxxxxxxxxxxx

On

May

4,

2:33

pm,

"Langedal,

Roger"

<rogl...@xxxxxxxx>

wrote:

I'm
trying
to
setup
a
simple
test
on
writing
to
a
file
on
an
UNC
share
from
an
asp.net
2.0
webpage.
This
is
whats
happening
in
default.aspx:

Dim
path
As

Re: Win 2003 svr/ASP.NET 2.0 UNC share

String

=

"\\remoteserver\testshare"

Response.Write(User.Identity.Name)

My.Computer.FileSystem.WriteAllText(path

&

"\myfile.txt",

"life's

good",

True)

impersonation

is

enabled

and

windows

auth

is

setup

in

IIS

6.

1.

When

I

run

this

on

my

Vista

PC

-

I'm

correctly

authenticated

and

the

file

is

written

perfectly

to

the

remote

share.

2.

Re: Win 2003 svr/ASP.NET 2.0 UNC share

If
I
move
my
webapp
to
a
Windows
2003/IIS
6
webserver
and
create
a
share
on
this
server
\\mywebserver\testshare
everything
still
works
perfectly
3.
But
–
I
if
I
try
to
write
to
a
REMOTE
share
i.e
\\myotherserver\testshare
it
fails
with
"file
not
found"
–
no
further
explanation
:–S
I've
tried

Re: Win 2003 svr/ASP.NET 2.0 UNC share

to
scan
for
activity
on
the
remote
servers
filesystem
with
Filemon
–
but
it
doesn't
even
look
like
it
tries
to
access
the
share
at
all....
Permissions
are
set
to
everyone
both
at
NTFS
and
share
permissions
at
this
share.
ANY
ideas
guys??
Regards,
Roger

do
you
use
an
impersonation

Re: Win 2003 svr/ASP.NET 2.0 UNC share

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or
you
run
the
application
under
asp.net
account?