

# Re: Windows 2003 Pre-authentication failed

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*Source:*

<http://www.derkeiler.com/Newsgroups/microsoft.public.windows.server.security/2007-04/msg00119.html>

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- *From:* "Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxx>
  - *Date:* Thu, 26 Apr 2007 13:34:40 -0500
- 

See if any of these help out.

<http://www.eventid.net/display.asp?eventid=675&eventno=62&source=Security&phase=1>

--  
Paul Bergson  
MVP – Directory Services  
MCT, MCSE, MCSA, Security+, BS CSci  
2003, 2000 (Early Achiever), NT

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"Andrew Teece" <enate@xxxxxxxxxxxxxxxx> wrote in message  
<news:OcBe3PBiHHA.4952@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Thanks for the idea Paul, but i've already tried this :-(

Regards

Andrew

"Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:e\\$tn\\$IAiHHA.4772@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:e$tn$IAiHHA.4772@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Dang, don't see anything. Can you try resetting the machine account  
password?

<http://support.microsoft.com/kb/325850/en-us>

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"Andrew Teece" <enate@xxxxxxxxxxxxxx> wrote in message  
[news:e2mgjp4hHHA.4676@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:e2mgjp4hHHA.4676@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

If I turn the Kerberos logging off the errors in the system log  
do go  
away, but not the errors in the security log.

Regards

Andrew

"Paul Bergson [MVP-DS]"  
<pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message  
[news:eHOdiU3hHHA.1048@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eHOdiU3hHHA.1048@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

For starters, try turning this off to see if  
these errors go away.

—  
Paul Bergson  
MVP – Directory Services  
MCT, MCSE, MCSA, Security+, BS CSci  
2003, 2000 (Early Achiever), NT

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"Andrew Teece" <enate@xxxxxxxxxxxxxx>  
wrote in message

Re: Windows 2003 Pre-authentication failed

news:uYwoWF3hHHA.1244@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Yes, I forgot I turned on Kerberos logging while bashing my head against this over the last few weeks.

I am getting 2 EventID3 events in the system event log.

A Kerberos Error Message was received:

on logon session

Client Time:

Server Time: 19:18:46.0000

4/25/2007 Z

Error Code: 0xd

KDC\_ERR\_BADOPTION

Extended Error:

0xc00000bb KLIN(0)

Client Realm:

Client Name:

Server Realm:

INTERNAL.TEECE.CO.UK

Server Name:

host/teeceserver.internal.teece.co.uk

Target Name:

host/teeceserver.internal.teece.co.uk@xxxxxxxxxxxxxxxxxxxxxxxx

Error Text:

File: 9

Line: ae0

Error Data is in record data.

AND

A Kerberos Error Message was received:

on logon session

Client Time:

Server Time: 19:32:48.0000

4/25/2007 Z

Error Code: 0x7

KDC\_ERR\_S\_PRINCIPAL\_UNKNOWN

Extended Error:

Client Realm:

Client Name:

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Server Realm:  
INTERNAL.TEECE.CO.UK  
Server Name:  
teceserver.internal.teece.co.uk  
Target Name:  
teceserver.internal.teece.co.uk@xxxxxxxxxxxxxxxxxxxxxx  
Error Text:  
File: 9  
Line: ae0  
Error Data is in record data.

Regards

Andrew

"Paul Bergson [MVP-DS]"  
<pbergson@xxxxxxxxxxxxxxxxxxxx>  
wrote in message  
[news:OdtDqzhHHA.4704@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:OdtDqzhHHA.4704@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Your dcdiag  
is reporting  
Kerberos  
errors, but I  
am unable  
to find  
specifics on  
Microsoft.  
Go into the  
System  
Event Log  
and see if  
you  
can find any  
specific  
Event Id's  
for the  
errors listed  
below.

I believe

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you are  
getting an  
Event Id 3  
error.

<http://www.eventid.net/display.asp?eventid=3&eventno=3536&source=>

EventId 3  
may be  
being  
triggered by  
Kerberos  
Logging if  
you have  
that  
enabled, but  
there are  
other Event  
errors, that I  
am unsure  
of the  
Event Id.

Starting  
test:  
systemlog  
\* The  
System  
Event log  
test  
An Error  
Event  
occured.  
EventID:  
0x825A0011  
Time  
Generated:  
04/24/2007  
21:26:03  
(Event  
String could  
not be  
retrieved)  
An Error  
Event  
occured.  
EventID:  
0xC25A001D  
Time  
Generated:  
04/24/2007

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21:26:03  
(Event  
String could  
not be  
retrieved)  
An Error  
Event  
occured.  
EventID:  
0xC25A001D  
Time  
Generated:  
04/24/2007  
21:26:37  
(Event  
String could  
not be  
retrieved)  
An Error  
Event  
occured.  
EventID:  
0x825A0011  
Time  
Generated:  
04/24/2007  
21:26:41  
(Event  
String could  
not be  
retrieved)  
An Error  
Event  
occured.  
EventID:  
0x80000003  
Time  
Generated:  
04/24/2007  
21:33:04  
Event  
String: A  
Kerberos  
Error  
Message  
was  
received:  
on logon  
session  
  
Client

Re: Windows 2003 Pre-authentication failed

Time:  
Server  
Time:  
20:33:4.0000  
4/24/2007 Z  
Error Code:  
0xd  
KDC\_ERR\_BADOPTION  
Extended  
Error:  
0xc00000bb  
KLIN(0)  
Client  
Realm:  
Client  
Name:  
Server  
Realm:  
INTERNAL.TEECE.CO.UK  
Server  
Name:  
host/teeceserver.internal.teece.co.uk  
Target  
Name:  
host/teeceserver.internal.teece.co.uk@xxxxxxxxxxxxxxxxxxxxxx  
Error Text:  
File: 9  
Line: ae0

Error Data  
is in record  
data.  
An Error  
Event  
occured.  
EventID:  
0x80000003  
Time  
Generated:  
04/24/2007  
21:48:05  
Event  
String: A  
Kerberos  
Error  
Message  
was  
received:  
on logon  
session

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--

Paul  
Bergson  
MVP –  
Directory  
Services  
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2003, 2000  
(Early  
Achiever),  
NT

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"Andrew  
Teece"  
<enate@xxxxxxxxxxxxxx>  
wrote in  
message  
[news:u\\$Q\\$KmrhHHA.4064@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](news:u$Q$KmrhHHA.4064@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

Thanks  
for  
the  
help  
Paul

I  
have  
already

Re: Windows 2003 Pre-authentication failed

run  
and  
looked  
into  
numerous  
articles  
around  
diagnosing  
issues  
with  
DCDIAG,  
all  
to  
no  
avail  
:-(

Attached  
are  
the  
reports  
though.

I  
have  
also  
tried  
resetting  
the  
machine  
password  
with  
netdom

Regards

Andrew

"Paul  
Bergson  
[MVP-DS]"  
<pbergson@xxxxxxxxxxxxxxxxxxxx>  
wrote  
in  
message  
[news:O\\$Q5jVrhHHA.4516@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:O$Q5jVrhHHA.4516@xxxxxxxxxxxxxxxxxxxxxxxx)

Re: Windows 2003 Pre-authentication failed

When  
you  
have  
the  
error  
try  
the  
following  
and  
post  
anything  
you  
don't  
understand:

Run  
diagnostics  
against  
your  
Active  
Directory  
domain.

If  
you  
don't  
have  
the  
tools  
installed,  
install  
them  
from  
your  
server  
install  
disk.  
d:\support\tools\setup.exe

Run  
dcdiag,  
netdiag  
and  
repadmin  
in  
verbose  
mode.  
->  
DCDIAG  
/V  
/C

Re: Windows 2003 Pre-authentication failed

```
/D
/E
/s:yourdcname
>
c:\dcdiag.log
->
netdiag.exe
/v
>
c:\netdiag.log
(On
each
dc)
->
repadmin.exe
/showrepl
dc*
/verbose
/all
/intersite
>
c:\repl.txt
```

**\*\*Note:**

Using  
the  
/E  
switch  
in  
dcdiag  
will  
run  
diagnostics  
against  
ALL  
dc's  
in  
the  
forest.  
If  
you  
have  
significant  
numbers  
of  
DC's  
this  
test  
could  
generate  
significant

Re: Windows 2003 Pre-authentication failed

detail  
and  
take  
a  
long  
time.  
You  
also  
want  
to  
take  
into  
account  
slow  
links  
to  
dc's  
will  
also  
add  
to  
the  
testing  
time.

If  
you  
download  
a  
gui  
script  
I  
wrote  
it  
should  
be  
simple  
to  
set  
and  
run  
(DCDiag  
and  
NetDiag).  
It  
also  
has  
the  
option  
to  
run

Re: Windows 2003 Pre-authentication failed

individual  
tests  
without  
having  
to  
learn  
all  
the  
switch  
options.  
The  
details  
will  
be  
output  
in  
notepad  
text  
files  
that  
pop  
up  
automagically.

The  
script  
is  
located  
in  
the  
download  
section  
on  
my  
website  
at  
<http://www.pbbergs.com>

Just  
select  
both  
dcdiag  
and  
netdiag  
make  
sure  
verbose  
is  
set.  
(Leave  
the

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default  
settings  
for  
dcdiag  
as  
set  
when  
selected)

When  
complete  
search  
for  
fail,  
error  
and  
warning  
messages.

--

Paul  
Bergson  
MVP

-

Directory  
Services  
MCT,  
MCSE,  
MCSA,  
Security+,  
BS  
CSci  
2003,  
2000  
(Early  
Achiever),  
NT

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no  
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in  
the



Re: Windows 2003 Pre-authentication failed

675,  
Category  
Account  
Logon.  
The  
message  
is

"Pre-authentication  
failed:"  
Failure  
Code:  
0x19

If  
I  
demote  
the  
server  
to  
just  
be  
a  
member  
server  
it  
is  
fine.  
But  
if  
i  
repromote  
the  
server  
the  
errors  
return.

Regards

Andrew  
Teece  
Technical  
Architect

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