

Re: Windows 2003 Pre-authentication failed

Source:

<http://www.derkeiler.com/Newsgroups/microsoft.public.windows.server.security/2007-05/msg00103.html>

- *From:* "Andrew Teece" <enate@xxxxxxxxxxxxxx>
 - *Date:* Wed, 23 May 2007 22:14:30 +0100
-

Thanks for the support Paul

I think i am going ot rebuild the machine by replicating the domain into a virtual machine, then reinstalling the host.

Regards

Andrew

"Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxx> wrote in message
<news:OJ3C9PTnHHA.4552@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

I don't know what else to tell you... Sorry

--

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

<http://www.pbbergs.com>

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"Andrew Teece" <enate@xxxxxxxxxxxxxx> wrote in message
<news:ur4ogY8mHHA.2296@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Sorry for the slow response. I got pulled away onto other things.

There are no *nix boxes on the network at all. I have read about this issue

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relating to *nix boxes before.

Regards

Andrew

"Paul Bergson [MVP-DS]" <pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in message news:%23aQZJhLjHHA.4520@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Are there any UNIX boxes that are attempting to log onto the Domain? Just change the machine account below as if it were a user account (I believe the machine account should have this available).

0x19 – KDC_ERR_PREAUTH_REQUIRED: Additional pre-authentication required
Associated internal Windows error codes
. STATUS_WRONG_PASSWORD

Corresponding debug output messages
. None

Possible Causes and Resolution

. This error often occurs in UNIX interoperability scenarios. MIT-Kerberos clients do not request pre-authentication when they send a KRB_AS_REQ message. If pre-authentication is required (the default), Windows systems will send this error. Most MIT-Kerberos clients will respond to this error by giving the pre-authentication, in which case the error can be ignored, but some clients might not respond in this way.

Resolution

Set the Do not require Kerberos pre-authentication flag on the user's account. Alternatively, consider upgrading to the most recent MIT reference distribution of Kerberos authentication.

Property Codes

<http://support.microsoft.com/kb/305144/en-us>

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--

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"Andrew Teece" <enate@xxxxxxxxxxxxxx> wrote in
message
<news:e9fTnIziHHA.4976@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

Thanks Paul, but none of these were of any
use. Some seemed close, but on further
digging they weren't relevant.

Any other ideas? I'm desperately trying to
avoid re-building the box.

Andrew

"Paul Bergson [MVP-DS]"
<pbergson@xxxxxxxxxxxxxxxxxxxx> wrote in
message
<news:OZ7aOGDiHHA.1624@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

See if any of these help out.

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

--

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
<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:etnIAiHHA.4772@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

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

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

--

Paul
Bergson
MVP

-

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"Andrew

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Teece"
<enate@xxxxxxxxxxxxxx>
wrote
in
message
news:e2mgjp4hHHA.4676@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

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@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

For
starters,

Re: Windows 2003 Pre-authentication failed

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

--

Paul
Bergson
MVP

-

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

news:uYwoWF3hHHA.1244@xxxxxxxxxxxx

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

Re: Windows 2003 Pre-authentication failed

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
Error
Text:
File:
9
Line:
ae0
Error
Data
is
in
record
data.

AND

Re: Windows 2003 Pre-authentication failed

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_UNKN
Extended
Error:
Client
Realm:
Client
Name:
Server
Realm:
INTERNAL.TEECE.CO.UK
Server
Name:
teeceserver.internal.teece.co.uk
Target
Name:
teeceserver.internal.teece.co.uk@xxx
Error
Text:
File:
9
Line:
ae0
Error
Data
is
in
record
data.

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Regards

Andrew

"Paul
Bergson
[MVP-DS]"
<pbergson@xxxxxxxxxxxxxxxxxxxx>
wrote
in
message
news:OdteDqzhHHA.4704@xxxxxxxx

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

Re: Windows 2003 Pre-authentication failed

the
errors
listed
below.

I
believe
you
are
getting
an
Event
Id
3
error.

<http://www.eventid.net/display>

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
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

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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
Time:
Server
Time:
20:33:4.0000
4/24/2007
Z
Error
Code:
0xd

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KDC_ERR_BADOPTION
Extended
Error:
0xc00000bb
KLIN(0)
Client
Realm:
Client
Name:
Server
Realm:
INTERNAL.TEECE.CO.UK
Server
Name:
host/teceserver.internal.teec
Target
Name:
host/teceserver.internal.teec
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

Re: Windows 2003 Pre-authentication failed

session

--

Paul
Bergson
MVP

-

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"Andrew
Teece"
<enate@xxxxxxxxxxxxxx>

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wrote
in
message
[news:u\\$KmrhHHA.4064@](news:u$KmrhHHA.4064@)

Thanks
for
the
help
Paul

I
have
already
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

Re: Windows 2003 Pre-authentication failed

Andrew

"Paul
Bergson
[MVP-DS]"
<pbergson@xxxxxx>
wrote
in
message
[news:O\\$Q5jVrhHH](news:O$Q5jVrhHH)

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\to

Run
dcdiag,
netdiag
and
repadmin
in
verbose
mode.
->
DCDIAG
/V
/C
/D
/E
/s:yourdomain
>
c:\dcdiag.log
->
netdiag.exe
/v
>
c:\netdiag.lo
(On
each
dc)
->
repadmin.ex
/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
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
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

Re: Windows 2003 Pre-authentication failed

<http://www.p>

Just
select
both
dcdiag
and
netdiag
make
sure
verbose
is
set.
(Leave
the
default
settings
for
dcdiag
as
set
when
selected)

When
complete
search
for
fail,
error
and
warning
messages.

--
Paul
Bergson
MVP
--
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Services
MCT,
MCSE,
MCSA,
Security+,
BS
CSci
2003,
2000
(Early

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Achiever),
NT

<http://www.1>

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"Andrew
Teece"
<enate@xxx
wrote
in
message
<news:uTQ79>

Hi
I
have
a
dom
cont
that
has
ALC
(reac
4
time
/

Re: Windows 2003 Pre-authentication failed

min
of
"Fai
Aud
entri
in
the
Secu
log.

The
entri
are
of
ID
675,
Cate
Acco
Log
The
mess
is

"Pre
faile
Failu
Cod
0x19

If
I
dem
the
serv
to
just
be
a
men
serv
it
is
fine.
But
if
i
repr
the
serv
the

Re: Windows 2003 Pre-authentication failed

error
return

Reg:

And
Tec
Tech
Arch