

Re: AS 2005 HTTP access with Basic Authentication

Source:

<http://www.tech-archive.net/Archive/SOL-Server/microsoft.public.sqlserver.olap/2005-12/msg00406.html>

- *From:* "Akshai Mirchandani [MS]" <akshaim@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 19 Dec 2005 18:58:44 -0800
-

As per our discussions so far with the WinHttp team this will take time to solve on their end. In the interim we're investigating other options, but please have patience for this issue.

Thanks,
Akshai

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"Pat" <pat@xxxxxxxxxxxx> wrote in message <news:6853A86A-DABF-4057-BB3B-C543E2FF2D16@xxxxxxxxxxxxxxxxxxxx>

- > Thanks for the clarification. So the problem seems to be at the client
- > rather
- > than at the server as I was assuming.
- > In any case, This is also an Excel issue, not just IE.
- >
- > Leaving aside the cause of the problem, users are expecting to sign-in
- > once
- > to the server and then to carry on working without having to sign-in
- > again.
- > This used to work with AS2000, and we need to find a solution for it to
- > work
- > with AS2005 too.
- >
- > Please refer to my reply to your other post for technical details, and
- > thanks for looking into this issue.
- >
- > "Akshai Mirchandani [MS]" wrote:
- >
- >> Re-posting part of my other posting to this thread:
- >>
- >> 2. If you are inside Internet Explorer and browse to a web page and
- >> specify
- >> Basic authentication credentials. Then the web page inside IE tries to
- >> connect to an AS server over HTTP in the same "realm" --- for AS 2000,

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>> this
>> would work without demanding the basic authentication credentials again.
>> But
>> in AS 2005, you are required to re-submit the credentials a second time.
>> There is a good technical explanation for this which I won't go into, but
>> the AS 2000 way was a little unsafe and it's probably a good thing that
>> this
>> doesn't work today...
>>
>> Since there seems to be a big issue for you folks let me try to go into a
>> more detailed explanation here — hopefully that will clear this up a
>> little.
>>
>> AS 2000's PTS (msolap80) used WinInet to connect to the server over HTTP.
>> AS
>> 2005 uses a newer API called WinHttp — this newer API is safe for
>> servers
>> and is in general a much better API to use. Unfortunately the impact
>> appears
>> to be this:
>> – Internet Explorer also uses WinInet
>> – When PTS 8.0 ran within Internet Explorer, it's WinInet connections
>> were
>> automatically re-using the credentials that Internet Explorer had
>> obtained
>> when connecting to the same realm
>> – Since PTS 8.0 doesn't use WinInet, it doesn't inherit those same
>> credentials and it requires you to re-authenticate the user
>>
>> This is still under investigation and it's possible that we're mistaken
>> about this behavior — but there is a high likelihood that this is the
>> cause.
>>
>> Unfortunately this isn't something that can be easily worked around —
>> the
>> WinInet credentials may not be available outside WinInet. Additionally,
>> since these components are not owned by the SQL Server group, it will
>> take
>> some time to find the right people to investigate and its possible there
>> isn't a solution...
>>
>> If you get in touch with your support contact again, please send them my
>> name and ask them to get in touch with me if they have any questions.
>>
>> Thanks,
>> Akshai
>> —
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>> purposes only.
>>
>> "Scott Ivey" <iveys@xxxxxxxxxxxx> wrote in message
>> news:251D57D7-02D7-469C-A137-EE5A00063120@xxxxxxxxxxxxxxxx
>> > Pat – I agree with you that its a bigger problem. My solution worked
>> > fine
>> > before I upgraded to AS2005. My current problem is that OWC hosted in
>> > my
>> > sharepoint 2.0 site will now NEVER prompt for a username & password,
>> > even
>> > if
>> > I include prompt=1. My sharepoint server & AS/HTTP server have
>> > different
>> > domain names, so it should always prompt for the cross domain data
>> > request
>> > anyway, but never does. It always did this with AS2000 before I
>> > upgraded
>> > to
>> > 2005, but since the upgrade, it never prompts. I'm able to use a
>> > hard-wired
>> > username & password in the connect string, but would prefer to have it
>> > prompt
>> > the user so that I can use their own username & password instead of a
>> > single
>> > shared one. Another thing worth noting, is that like pat said, if I'm
>> > in
>> > the
>> > domain or connected to the server via VPN, it will work, but when I'm
>> > not
>> > connected via any other means than my IE browser to the sharepoint
>> > site,
>> > nothing works at all.
>> >
>> > I've had an open support ticket on this for a week now, and have had a
>> > hard
>> > time convincing any of the support techs that I've talked to that this
>> > is
>> > a
>> > problem for me. I keep getting handed around from group to group
>> > inside
>> > microsoft, and everyone says that its the next guys problem. I'm
>> > feeling
>> > like my \$245 for this incident hasn't been well spent.
>> >
>> > Scott
>> >
>> > "Pat" wrote:
>> >
>> >> It means that I have authenticated to IIS with basic authentication.
>> >> When
>> >> the

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>>> client navigates to the page containing the OWC control, IIS requests
>>> the
>>> userID+pwd for basic authentication.
>>> With AS2000 that's all you need. The subsequent connection from OWC to
>>> AS2000 is done using this authentication token.
>>>
>>> With AS2005, you're suggesting to add a "prompt=1" in the OWC
>>> connection
>>> string. What happens is the following: User navigates to the page
>>> containing
>>> the OWC control and IIS requests the userID+pwd for basic
>>> authentication,
>>> as
>>> above.
>>> When connecting OWC to AS2005 though, the prompt=1 causes you to enter
>>> your
>>> userID+password once again. This means that the previous
>>> authentication
>>> to
>>> IIS is completely bypassed.
>>> You have to do that because OLEDB 9.0 and AS2005 are not able to work
>>> the
>>> way OLEDB 8.0 and AS2000 did. They cannot use the IIS token.
>>>
>>> In my opinion, this is the reason why you cannot connect to AS2005
>>> from
>>> Excel, whichever way you try (even the prompt=1 cheat doesn't help)
>>> unless
>>> client and server are in the same domain.
>>>
>>>
>>> "Edward Melomed [MSFT]" wrote:
>>>
>>>> Hi Pat.
>>>> I was looking at your previous postings and it is bit hard to
>>>> understand
>>>> what is going on in your situation.
>>>> When you are saying that you already authenticated to IIS , what
>>>> does
>>>> that
>>>> mean?
>>>>
>>>>
>>>> "Pat" <pat@xxxxxxxxxxxx> wrote in message
>>>> news:8E504CDE-4FEA-436B-BD3C-676D555B6345@xxxxxxxxxxxxxxxxxxx
>>>>> Come on Edward, there are several posts on this newsgroup
>>>>> documenting
>>>>> that
>>>>> HTTP with Basic Authentication doesn't work on AS2005.
>>>>> I have a support incident open for 3 weeks and counting about
>>>>> this,

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>>>> and I
>>>> saw somebody else on this newsgroup with another support incident
>>>> still
>>>> open.
>>>> The issue is caused by OLEDB 9.0, who doesn't let the credentials
>>>> pass
>>>> from
>>>> IIS to AS2005.
>>>> It probably works on your own workstation because you are signed
>>>> in
>>>> as a
>>>> user that is known to the server, thus bypassing the basic
>>>> authentication.
>>>>
>>>>
>>>> "Edward Melomed [MSFT]" wrote:
>>>>
>>>>> Once you enabled the Basic Authentication you need to make sure
>>>>> you
>>>>> specify
>>>>> your credentials.
>>>>> You can do it ever by specifying "user" and "password" connection
>>>>> string
>>>>> properties in your connection string.
>>>>> Or you can add "prompt=1" to your connection string and you will
>>>>> get
>>>>> additional dialog asking for your credentials.
>>>>>
>>>>>
>>>>> Edward Melomed
>>>>> --
>>>>> This posting is provided "AS IS" with no warranties, and confers
>>>>> no
>>>>> rights.
>>>>>
>>>>>
>>>>>
>>>>> "Scott Ivey" <iveys@xxxxxxxxxxxx> wrote in message
>>>>> news:3B651890-487C-4A78-B1DB-635E99C12C3F@xxxxxxxxxxxxxxxx
>>>>>> Hi all – hopefully someone here can help me out with this. I
>>>>>> have
>>>>>> an
>>>>>> open
>>>>>> ticket on this with MS as well, and none of their techs seem to
>>>>>> know
>>>>>> how
>>>>>> to
>>>>>> help me. I have enabled HTTP access to our Analysis Services
>>>>>> 2005
>>>>>> server
>>>>>> by

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>>>>> following the steps at
>>>>> <http://www.microsoft.com/technet/prodtechnol/sql/2005/httpasws.msp> –
>>>>> however, I need to use BASIC AUTHENTICATION instead of Windows
>>>>> Integrated.
>>>>> Once I enable basic and disable integrated, everything just
>>>>> stops
>>>>> working.
>>>>> I
>>>>> found another article saying that AS 2005 ignores basic
>>>>> authentication
>>>>> by
>>>>> default, and gives steps to change the setting, but the screen
>>>>> that
>>>>> they
>>>>> talk
>>>>> about doesn't exist, and the one that does that looks similar
>>>>> doesn't
>>>>> list
>>>>> the properties necessary to change. Link to that article is...
>>>>> <http://msdn2.microsoft.com/en-us/library/ms174573.aspx>. It
>>>>> says
>>>>> the
>>>>> following – "Based on the default setting of 1, Analysis
>>>>> Services
>>>>> rejects
>>>>> client requests that are submitted by using Basic
>>>>> authentication.
>>>>> To
>>>>> accept
>>>>> client requests that use Basic authentication, change the
>>>>> setting
>>>>> for
>>>>> this
>>>>> property to 0." I tried to add the property directly thru
>>>>> msmdsrv.ini
>>>>> file,
>>>>> but that didn't seem to work either. Anyone else have any
>>>>> other
>>>>> ideas?
>>>>> I'm
>>>>> desperate here – I'm supposed to be on vacation tomorrow, and
>>>>> if I
>>>>> don't
>>>>> have
>>>>> this fixed by then, i'm in deep \$*%!.
>>>>>
>>>>>
>>>>> Thanks!
>>>>>
>>>>> Scott Ivey
>>>>>

>>>>>>
>>>>>>
>>>>>
>>>>>
>>>>>
>>>>>
>>
>>
>>

• **Follow-Ups:**

- ◆ **Re: AS 2005 HTTP access with Basic Authentication**
◇ From: Scott Ivey

• **References:**

- ◆ **Re: AS 2005 HTTP access with Basic Authentication**
◇ From: Edward Melomed [MSFT]
- ◆ **Re: AS 2005 HTTP access with Basic Authentication**
◇ From: Edward Melomed [MSFT]
- ◆ **Re: AS 2005 HTTP access with Basic Authentication**
◇ From: Pat
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◇ From: Scott Ivey
- ◆ **Re: AS 2005 HTTP access with Basic Authentication**
◇ From: Akshai Mirchandani [MS]
- ◆ **Re: AS 2005 HTTP access with Basic Authentication**
◇ From: Pat

- Prev by Date: **Re: Processing a Cube off DB2 v7 using MSAS 2005**
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