

# Re: AS 2005 HTTP access with Basic Authentication

---

*Source:*

<http://www.tech-archive.net/Archive/SOL-Server/microsoft.public.sqlserver.olap/2005-12/msg00343.html>

---

- *From:* "Scott Ivey" <[iveys@xxxxxxxxxxxxxx](mailto:iveys@xxxxxxxxxxxxxx)>
  - *Date:* Thu, 15 Dec 2005 06:25:02 -0800
- 

My users are NEVER prompted to sign in. This would be at least workable if they were prompted to sign in EVERY time like Akshai suggests should be the case.

Akshai – I'll forward your post to the engineers I'm working with. I finally got transferred to engineers on Wednesday that know what they were talking about. Within minutes of me explaining my problem, they were talking about the wininet vs winhttp issues, rather than trying to tell me its someone elses problem :)

Thanks,

Scott

"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, 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

Re: AS 2005 HTTP access with Basic Authentication

> – 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  
> ---  
> This posting is provided "AS IS" with no warranties, and confers no rights  
> Please do not send email directly to this alias. This alias is for newsgroup  
> purposes only.  
>  
> "Scott Ivey" <iveys@xxxxxxxxxxxx> wrote in message  
> [news:251D57D7-02D7-469C-A137-EE5A00063120@xxxxxxxxxxxxxxxxxxx](mailto:news:251D57D7-02D7-469C-A137-EE5A00063120@xxxxxxxxxxxxxxxxxxx)  
>> 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

Re: AS 2005 HTTP access with Basic Authentication

>> 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  
>>> 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@xxxxxxxxxxxxxx> wrote in message  
>>>> [news:8E504CDE-4FEA-436B-BD3C-676D555B6345@xxxxxxxxxxxxxxxxxxxx](mailto:news:8E504CDE-4FEA-436B-BD3C-676D555B6345@xxxxxxxxxxxxxxxxxxxx)  
>>>>> Come on Edward, there are several posts on this newsgroup documenting  
>>>>> that

Re: AS 2005 HTTP access with Basic Authentication

>>>>> HTTP with Basic Authentication doesn't work on AS2005.  
>>>>> I have a support incident open for 3 weeks and counting about this,  
>>>>> 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@xxxxxxxxxxxxxx> wrote in message  
>>>>>> [news:3B651890-487C-4A78-B1DB-635E99C12C3F@xxxxxxxxxxxxxxxxxxx](mailto:news:3B651890-487C-4A78-B1DB-635E99C12C3F@xxxxxxxxxxxxxxxxxxx)  
>>>>>>> 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  
>>>>>>> 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.



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

- Prev by Date: **Re: Client/Frontend-Tool**
- Next by Date: **Re: Calculate Measure/Percentage of Total**
- Previous by thread: **Re: AS 2005 HTTP access with Basic Authentication**
- Next by thread: **Re: Calculate Measure/Percentage of Total**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**