

## Re: Cached Logon

**Source:**

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.general/2004-12/1772.html>

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**From:** Roland Hall (*nobody\_at\_nowhere*)

**Date:** 12/23/04

Date: Wed, 22 Dec 2004 19:35:46 -0600

"Roger Abell" wrote in message  
news:%23yW0kBD6EHA.2124@TK2MSFTNGP15.phx.gbl...  
:  
: "Roland Hall" <nobody@nowhere> wrote in message  
: news:OqNjKx%235EHA.3736@TK2MSFTNGP10.phx.gbl...  
: > "Ken Schaefer" wrote in message  
: > news:Oo7Cj695EHA.2608@TK2MSFTNGP10.phx.gbl...  
: > :  
: > : "Roland Hall" <nobody@nowhere> wrote in message  
: > : news:uaDiFu95EHA.1596@tk2msftngp13.phx.gbl...  
: > : > "Ken Schaefer" <kenREMOVE@THISadopenstatic.com> wrote in message  
: > : > news:uBfCwRi5EHA.3756@TK2MSFTNGP14.phx.gbl...  
: > : > : Hi,  
: > : > :  
: > : > : Your browser is caching the credentials, and resending them for  
each  
: > : > : subsequent page request to that server (until the browser is  
: closed).  
: > : > :  
: > : > The cache was cleared and the browser was closed and still it failed  
: but  
: > I  
: > : > was prompted each time for credentials but only for the first page.  
: > :  
: > : I think you are completely missing the point, or I am not  
understanding  
: > what  
: > : you are saying.  
: > :  
: > : When the browser connects to "firstpage.asp", it first attempts to  
: connect  
: > : anonymously (sending no credentials). The webserver sends back a 401  
: > header  
: > : (Access Denied) and lists available authentication mechanisms via  
: > : WWW-Authenticate HTTP headers.  
: > :  
: > :

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:> : The browser then prompts the user to supply credentials (or, in the case  
:> of  
:> : IE, if the website is in the local intranet security zone, will attempt  
: to  
:> : send the current logged on user's credentials automatically). The user  
:> : supplies their credentials, and the browser sends them to the server.  
If  
:> the  
:> : credentials are acceptable, the server sends back a 200 OK status.  
:> :  
:> : The browser then continues to reuse those credentials for subsequent  
:> : requests for pages on that site. This is why (I suspect) you are not  
:> seeing  
:> : credential prompts on subsequent pages. You can not "clear" this cache  
: per  
:> : se. Instead, when you close the browser completely, the browser  
: "forgets"  
:> : the credentials it has been using. When you open the browser again  
: (well,  
:> : technically you need to start a new iexplore.exe process) and hit the  
: site  
:> : again, you will once again be prompted for credentials  
:> :  
:> :> : In terms of the login failure – can we see the exact error message  
:> that  
:> :> : you are seeing please?  
:> :>  
:> :> Error Type:  
:> :> Microsoft OLE DB Provider for SQL Server (0x80040E4D)  
:> :> Login failed for user 'sa'.  
:> :> /msft/StraightASP.asp, line 7  
:> :  
:> : Well, for some reason SQL Server thinks that the password being  
supplied  
:> by  
:> : your ADO connection object is not correct for the "sa" account.  
:> :  
:> : This doesn't have anything to do with IIS caching a logon (for the  
:> purposes  
:> : impersonating an NT account for processing an ASP page), or with HTTP  
:> : authentication between the client and server, which is what your  
: original  
:> : post seemed to be talking about. This seems to be an authentication  
: issue  
:> : between your ADO components and SQL Server.  
:> :  
:> : That said, if you've cut–n–pasted the code from one working page to  
:> another  
:> : page, that does seem "out of the norm". Just as a trial, could you put

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: the  
:> : connection string into an include file, and include that into your two  
:> : pages, and then use the connection string from the include file? That  
:> would  
:> : probably eliminate some odd non-printable character (or something  
: similar)  
:> : being in the connection string. Both pages should either work, or not  
:> work.  
:>  
:> Ken...  
:>  
:> I provided the link at MSFT where I got the files. You can see for  
: yourself  
:> there are no non-printable characters. Again, this is not my code.  
Also,  
: I  
:> cannot reproduce the problem now that the server has been rebooted.  
: You're  
:> also apparently excluding the other particulars.  
:>  
:> If the sa logon fails, it should fail no matter which file is trying to  
:> authenticate as long as that code is the same. Renaming the file, makes  
: it  
:> work. Renaming it back to the original name makes it fail once again.  
:  
: This is the most perplexing part. And, as you mentioned in post of the  
: other  
: subthread, you could close all IE processes, start again, and see the same  
: pattern (prior to the rebooting). That the file name should be so  
important  
: is not simple to understand, and makes it sound as if there was a  
corruption  
: in IIS's caching of the file involved.

Is bouncing the box the only way to clear the IIS cache?

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Roland Hall

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