

## Re: ASP.NET + SQL Server Windows authentication

**Source:**

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2003-08/0365.html>

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**From:** Lior Amar (*lior\_amar\_at\_hotmail.com*)

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Date: Wed, 27 Aug 2003 12:09:30 -0400

Think the problem is just a limitation of NTLM single hop. Don't think there is a way around it other than using SSL and Basic Authentication. ASPNET is set up properly and is impersonating the user appropriately. Don't think there is anyway around this limitation.

Thanks for the help though

Lior

"Lior Amar" <lior\_amar@hotmail.com> wrote in message  
news:uHPZbT#aDHA.2928@tk2msftngp13.phx.gbl...

> *Hey All,*

>

> *Trying to understand why I can not get SQL server to trust my IIS server.*

I

> *have two machines set up, 1 App and 1 DB, and I'm trying to validate the*

> *applications access to the DB server via NT Authentication. The App comes*  
in

> *via NTLM which from my understanding only supports Single hop security*

> *delegation. So far I understand why it doesn't work, although seems to me*

> *like a very bad problem. Now, Basic Authentication will transfer the PW*

and

> *the UID which will allow IIS to login to the DB server and then NT*

> *Authentication will work. But we all know how non-secure Basic*

> *Authentication is.*

>

> *Here's the confusion, if Kerberos permits token transferring with no*

> *limitation why can't IIS receive a token via NTLM and transfer it to the*

DB

> *server?*

>

> *I've been reading all of these articles*

>

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microsoft.public.dotnet.framework.aspnet.security: Re: ASP.NET + SQL Server Windows authentication

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/vbcon/html/>

> [vbconaccessingsqlserverfromwebapplication.asp](#)

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<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/vbcon/html/>

> [vbtskaccessingsqlserverusingwindowsintegratedsecurity.asp](#)

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<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnauth/html/>

> [/dnauth\\_security.asp](#)

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<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnauth/html/>

> [/signfaq.asp](#)

> <http://support.microsoft.com/default.aspx?scid=kb:en-us:Q176377>

>

> *and a bunch of other documents and they all come down to two valid  
> solutions: Basic Authentication or SQL Users. These are only valid if the  
> level of security you wish to achieve is not something that needs to pass*

*a*

> *certain level of security (would not pass in industries that require  
maximum*

> *security).*

>

> *If I am bound to NT Authentication, is my only option Basic Authentication  
> (of course under SSL)? And why is it that we don't have these problems  
with*

> *other Database vendors? Is there any way we can utilize ADSI to get the  
> users NTLM credentials to pass on to SQL server?*

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> *Any help or suggestions will be very appreciated.*

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> *Thank you,*

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