

## Re: Windows Auth -- double hop issue??

**Source:**

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2004-03/7595.html>

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**Date:** 03/24/04

Date: Wed, 24 Mar 2004 08:55:50 -0800

But Kannan said that all resources reside on the same server. How can it be the double-hop problem? Logically, it should work, but maybe there is something else we're missing.

Alek

"Joe Kaplan (MVP - ADSI)" <joseph.e.kaplan@removethis.accenture.com> wrote in message news:eXamriREEHA.1452@TK2MSFTNGP09.phx.gbl...

> *Given that you are using default credentials, it does look like it might be*

> *a double hop issue.*

>

> *If the current security context is an impersonation token that can't delegate, then the credentials you supply will not hop to the other machine.*

> *Since Windows integrated authentication creates an impersonation token, this*

> *is very likely to be the case.*

>

> *Joe K.*

>

>

> *"Kannan" <pv\_kannan@yahoo.com> wrote in message*

> *news:b46a02f.0403231023.21b252a7@posting.google.com...*

>> *Hi Alex,*

>> *I am setting that in the code. Here is the code sample in VB.NET:*

>>

>> *Private Function LogonToProjectServer(ByVal projectServerUrl As*

>> *String)*

>>

>> *Dim url As String*

>> *Dim cookieString As String*

>>

>> *If Not projectServerUrl.EndsWith("/") Then*

>> *projectServerUrl += "/"*

>> *End If*

>>

```
>> url = projectServerUrl + "LgnIntAu.asp"
>> Dim XMLDoc As New XmlDocument
>>
>> Try
>> Dim myReq As HttpWebRequest =
>> CType(WebRequest.Create(url), HttpWebRequest)
>> Dim conCookie As New CookieContainer
>> myReq.CookieContainer = conCookie
>> myReq.Credentials = CredentialCache.DefaultCredentials
>> Dim networkCredential As NetworkCredential =
>> CType(CredentialCache.DefaultCredentials, NetworkCredential)
>> Dim identity As WindowsIdentity =
>> WindowsIdentity.GetCurrent()
>>
>> Dim log As New EventLog
>> log.Log = "Application"
>> log.Source = "PDSHelper:LogonToProjectServer"
>>
>> log.WriteEntry("WindowsUser is " + identity.Name,
>> EventLogEntryType.Information) ' This returns the correct username
>>
>> Dim myRes As HttpWebResponse = Nothing
>> Dim i As Integer
>> For i = 0 To 2
>> Try
>> myRes = CType(myReq.GetResponse(),
>> HttpWebResponse)
>> ' if it gets to this line it didn't error
>> Exit For
>> Catch e As Exception
>> If i = 2 Then
>> Throw e
>> End If
>> End Try
>> Next i
>>
>> XMLDoc.Load(myRes.GetResponseStream())
>> log.WriteEntry("Xmlcontents are " + XMLDoc.InnerText,
>> EventLogEntryType.Information)
>> ' Close the response to free resources.
>> myRes.Close()
>>
>> cookieString = GetLogonStatus(XMLDoc)
>> If cookieString.Length < 10 Then
>> Throw New Exception("Invalid Project Server Login
>> Cookie: " + cookieString)
>> End If
>> Catch ex As Exception
>> Throw New Exception("Error occurred attempting to log
>> into project server: " + url + vbCrLf + XMLDoc.InnerXml, ex)
>> End Try
```

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```
>>
>> LogonToProjectServer = cookieString
>>
>> End Function
>>
>>
>>
>> *****
>> "Alek Davis" <alek_xDOTx_davis_xATx_intel_xDOTx_com> wrote in message
>> news:<OiRD1rHEEHA.3372@TK2MSFTNGP10.phx.gbl>...
>>> Kannan,
>>>
>>> Before you call the other site, make sure that you set the default
>>> credentials for your HttpRequest's (or whatever class you're using)
>>> Credentials member. See MSDN documentation on
>>> CredentialCache.DefaultCredentials for samples.
>>>
>>> Alek
>>>
>>> "Kannan" <pv_kannan@yahoo.com> wrote in message
>>> news:b46a02f.0403221407.388842f1@posting.google.com...
>>>> We are having a strange problem with NT credentials being lost while
>>>> accessing another resource on the same server.
>>>>
>>>> Here is the scenario:
>>>>
>>>> Step 1
>>>> -----
>>>> Client A makes a call to a method in a C# DLL that resides in Server
A
>>>> using Windows Auth (correct settings in web.config and IIS).
>>>>
>>>> Step 2
>>>> -----
>>>> That method makes a call to an asp page that is present on a
different
>>>> website on the same server (Server A) to retrieve a cookie value.
>>>>
>>>> I notice that Windows credentials are being passed over in Step 1.
It
>>>> returns the correct value when I use
WindowsIdentity.GetCurrent.Name.
>>>> But they do not get passed over from DLL method to the site in Step
2.
>>>> (LOGON_USER returns blank)
>>>>
>>>>
>>>> Would this be a double-hop issue? Would use of delegation and
kerberos
>>>> help?
```

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> > > >

> > > > *Any help would be really appreciated.*

> > > >

> > > > *Thanks*

> > > > *kannan*

>

>