

Re: Troubleshoot Security Issues

Source:

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2004-03/0392.html>

From: Raterus (*raterus_at_localhost*)

Date: 03/26/04

Date: Fri, 26 Mar 2004 14:40:45 -0500

Oh yea, I forgot to mention that my IIS server hasn't been rebooted since starting all of this, could this be the problem? (I can't reboot it now and see, it's a live server)

"Raterus" <raterus@localhost> wrote in message
news:e2fn92zEEHA.696@TK2MSFTNGP12.phx.gbl...

> *Ok, so here it goes,*

>

> *I just spit out the server variables, Auth_Type did = Negotiate, so I
guess*

> *I did that properly. And I've managed to also figure out that asp.net is*

> *impersonating correctly, so I guess the only thing left is delegation...*

>

> *Here is what I've done to get delegation working, I followed your advice
and*

> *tried to implement everything I saw in this article.*

> <http://support.microsoft.com/default.aspx?scid=kb:en-us:810572>

>

> *I'm going to go through these steps as I do this again, just to make sure*

> *I've really done them.*

>

> *1) My browser is authenticating with Kerberos, figured that out from
looking*

> *at the servervariables*

>

> *2) Checked the box in IE "Enable Integrated Windows Authentication", and I*

> *restarted my computer, even though it didn't specically warn me to do
such.*

>

> *3) In IIS I have verified that the directory I'm accessing has Integrated*

> *Windows Authentication checked, and it is the only thing checked.*

>

> *4) ASP.net web.config, looks exactly like that example on the website,*

> *except that <allow users="*" /> is embedded in the <authorization> tag.*

> *That's how I found it, I assume it is supposed to be only there. I've
also*

> *tried to impersonate using code, and by setting <identity*

> *impersonate="true">. I've tried both ways and verified that they both work.*

>

> *note: (My webserver is NOT a domain controller, it's OS is windows server 2003, all domain controllers are hosted off of windows 2000 servers)*

>

> *5) I've found my webserver's computer under active directory users/computers, and checked a box under it's general properties "Trust computer for delegation"*

>

> *6) I've also verified on my webserver that IIS service inetinfo.exe is running under the LocalSystem account. The checkbox "Allow service to interact with desktop" is not checked though.*

>

> *7) I'm not sure if I really need to do this (I hope not), but I've found my user account, and under the Account tab I've checked "Account is trusted for delegation". I hope I don't have to do this, because that would require checking that for each user on our network when this application rolls out!*

>

> *Here is my code that is bombing, not that it only bombs on the webserver, if I run this code locally, on my own IIS server it works great.*

>

```
> Dim FolderInfo As New ArrayList
> Try
> Dim dirInfo As New DirectoryInfo(scanUserDirectoriesPath &
> CStr(Session("username"))) & "\")
> Dim infoFiles() As FileInfo = dirInfo.GetFiles
> Dim infoFile As FileInfo
>
> For Each infoFile In infoFiles
> FolderInfo.Add(New NewScans(infoFile.Name,
> infoFile.CreationTime.ToString, infoFile.FullName))
> Next
>
> If FolderInfo.Count = 0 Then
> dgScans.Visible = False
> hTitle.InnerText = "No " & hTitle.InnerText
> Else
> dgScans.DataSource = FolderInfo
> dgScans.DataBind()
> End If
>
> Catch ex As Exception
> lblError.Text = ex.ToString & Chr(13) & "HttpContext: " &
> HttpContext.Current.User.Identity.Name & Chr(13) & "WindowsIdentity: " &
> System.Security.Principal.WindowsIdentity.GetCurrent.Name & Chr(13) &
> "Thread: " & System.Threading.Thread.CurrentPrincipal.Identity.Name
```

> *End Try*
>
> *Any help would be great!*
> --Michael
>
>
> *"Ken Schaefer" <kenREMOVE@THISadOpenStatic.com> wrote in message*
> *news:%2389cAxtEEHA.3096@TK2MSFTNGP11.phx.gbl...*
> > *a) You can put a trace on the network –or– you can dump out all the*
> *values*
> > *in the Request.ServerVariables() collection. If you see something like*
> > *Auth_Type: Negotiate, then Kerberos was used. If you see something like*
> > *Auth_Type: NTLM then NTLM was used.*
> >
> > *b) Is ASP.Net impersonating correctly? If you have <identity*
> > *impersonate="true"> and set authentication to Windows then it should*
> > *impersonate.*
> >
> > *c) Is delegation working correctly? I don't know. Why don't you tell us*
> > *what*
> > *you've done, and what's happening?*
> >
> > *Cheers*
> > *Ken*
> >
> > *"Raterus" <raterus@localhost> wrote in message*
> > *news:e\$2whqEEHA.3576@tk2msftngp13.phx.gbl...*
> > : *What is the easiest way to troubleshoot security issues?*
> > :
> > : *I'm trying to set up a delegation scenario, which I wrote an question*
> > *about*
> > : *yesterday. Something isn't working in it, but I feel kind of helpless*
> > *to*
> > : *even know if what I think I set up is actually what is happening in*
> > *the*
> > : *background. For instance, i'm trying to get my asp.net application to*
> > : *delegate to another computer to be able to access files on a network*
> > *share.*
> > : *How do I really know my browser is authenticating with Kerberos?, Is*
> > *asp.net*
> > : *impersonating correctly, when it accesses this network share, is*
> > *delegation*
> > : *working correctly?. Lots of issues like this, what is the best way to*
> > *look*
> > : *at this information?*
> > :
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