

Re: User Control Security on .Net 2.0

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-11/msg01965.html>

- *From:* stcheng@xxxxxxxxxxxxxxxxxxxxxx (Steven Cheng[MSFT])
 - *Date:* Sun, 20 Nov 2005 09:43:01 GMT
-

Thanks for your followup and the feedback Norsoft,

Yes, I agree with you that currently as for IE hosting managed code reference is quite insufficient. We also often meet such problems which lead us to troubleshooting from basic CAS checking.... And there seems only some individual technical articles discussing on IE hosting and related security So I'll also recommend you submit this request through the new MS product feedback:

MSDN Product Feedback Center

<http://lab.msdn.microsoft.com/productfeedback/default.aspx>

In addition, for such CAS related application(executing managed code in Partial Trust environment...), we'll suggest design the security policy and analyze the code permission from start and often evaluate the permission sets required. There exist some tool in .NET framework SDK like the permview.exe for .net 1.0/1.1 and the permCalc.exe for .NET 2.0 which can help calculate the permissions our assemblies require....

Thanks again for your posting.

Steven Cheng
Microsoft Online Support

Get Secure! www.microsoft.com/security

(This posting is provided "AS IS", with no warranties, and confers no rights.)

| From: "Norsoft" <norsoft@xxxxxxxxxxxxxxxxxxxxxx>
| References: <e#naVLX6FHA.3276@xxxxxxxxxxxxxxxxxxxxxxxxxx>
<20cdhic6FHA.204@xxxxxxxxxxxxxxxxxxxxxxxxxx>
<uM#kEtt6FHA.3120@xxxxxxxxxxxxxxxxxxxxxxxxxx>
<[N\\$uBRV\\$6FHA.3648@xxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:N$uBRV$6FHA.3648@xxxxxxxxxxxxxxxxxxxxxxxxxx)>
| Subject: Re: User Control Security on .Net 2.0
| Date: Fri, 18 Nov 2005 06:58:33 -0800
| Lines: 188

Re: User Control Security on .Net 2.0

| X-Priority: 3
| X-MSMail-Priority: Normal
| X-Newsreader: Microsoft Outlook Express 6.00.2900.2527
| X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2527
| X-RFC2646: Format=Flowed; Original
| Message-ID: <OgP9GCF7FHA.2628@xxxxxxxxxxxxxxxxxxxxxx>
| Newsgroups: microsoft.public.dotnet.framework.aspnet
| NNTP-Posting-Host: c-67-181-77-42.hsd1.ca.comcast.net 67.181.77.42
| Path: TK2MSFTNGXA02.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP11.phx.gbl
| Xref: TK2MSFTNGXA02.phx.gbl
microsoft.public.dotnet.framework.aspnet:359222
| X-Tomcat-NG: microsoft.public.dotnet.framework.aspnet

| Thanks!

| I'll take a look at it and see if it helps. I have opened an incident with

| MSFT on this. I bypassed my printing code and also have trouble with my imaging section. Microsoft really needs to put out some clear information on

| the security issues and how to deal with them for these controls loaded in

| IE. There is just way too much information on security and it is way too spread out. While there is a lot of info the usual suggestion seems to be "keep trying different things until it works". There should be clear, concise step by step walkthroughs on how to diagnose and determine the security required and how to configure and code so it works. Just saying

I
| may have to create a policy is not sufficient. Even if I wanted to put a custom policy on thousands of PC during deployment I would still have to figure out what has to be in that policy by trial and error.

| "Steven Cheng[MSFT]" <stcheng@xxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:N\\$uBRV\\$6FHA.3648@xxxxxxxxxxxxxxxxxxxxxx](mailto:news:N$uBRV$6FHA.3648@xxxxxxxxxxxxxxxxxxxxxx)

| > Thanks for your followup Peter,

| >

| > Yes, since the IE hosted winform control are hosted in Internet explore process, we can not perform managed debugging on it. As far as I know, for

| > IE host control, we have the IE host log for general troubleshooting:

| >

| > #HOW TO: Use the IEHost Log to Debug .NET Object Hosting in Internet Explorer

| > <http://support.microsoft.com/default.aspx?scid=kb:en-us:313892>

| >

| > Thanks,

| >

| > Steven Cheng

| > Microsoft Online Support

| >

| > Get Secure! www.microsoft.com/security

| > (This posting is provided "AS IS", with no warranties, and confers no

Re: User Control Security on .Net 2.0

|> rights.)
|>
|>
|>
|> -----
|> | From: "Norsoft" <norsoft@xxxxxxxxxxxxxxxxxxxx>
|> | References: <e#naVLX6FHA.3276@xxxxxxxxxxxxxxxxxxxxxxxx>
|> | <20cdhic6FHA.204@xxxxxxxxxxxxxxxxxxxxxxxx>
|> | Subject: Re: User Control Security on .Net 2.0
|> | Date: Wed, 16 Nov 2005 10:26:37 -0800
|> | Lines: 103
|> | X-Priority: 3
|> | X-MSMail-Priority: Normal
|> | X-Newsreader: Microsoft Outlook Express 6.00.2900.2527
|> | X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2527
|> | X-RFC2646: Format=Flowed; Original
|> | Message-ID: <uM#kEtt6FHA.3120@xxxxxxxxxxxxxxxxxxxxxxxx>
|> | Newsgroups: microsoft.public.dotnet.framework.aspnet
|> | NNTP-Posting-Host: c-67-181-77-42.hsd1.ca.comcast.net 67.181.77.42
|> | Path: TK2MSFTNGXA02.phx.gbl!TK2MSFTNGP08.phx.gbl!tk2msftngp13.phx.gbl
|> | Xref: TK2MSFTNGXA02.phx.gbl
|> | microsoft.public.dotnet.framework.aspnet:358656
|> | X-Tomcat-NG: microsoft.public.dotnet.framework.aspnet
|> |
|> | Ok, if you see my other post I could not see this message. I have
fixed
|> that
|> | problem by deleting all messages and reloading them. Anyway, let me
post
|> the
|> | info I put in the other one.
|> |
|> | Thanks for the reply. I had posted the same question on the 14th but
the
|> | Outlook Express news reader will not see it, even if I do a search,
so I
|> | would appreciate it if you would add your reply here.
|> |
|> | I have been using the 1.1 application for a long time but this model
|> seems
|> | incredibly fragile. I found part of my problem to be I defined one of
my
|> | class variables as "private JLReport m_JLReport = null;" This will
stop
|> the
|> | app from loading in a web page with .Net 2.0. If I define it as
"private
|> | JLReport m_JLReport ;" (no =null) then it loads. Also, I have some
|> problem
|> | with a call to a web service, If you change almost anything the app
|> won't

Re: User Control Security on .Net 2.0

|> | load.
|> |
|> | What I did was create a new web application with just the form and no
|> | functionality. That worked, then I started adding chunks of code from
|> | the
|> | app until it failed. This is a really poor way to build an
application.
|> |
|> | Isn't there any way to drop into the debugger so you can see where it
|> | fails?
|> |
|> | Right now I have a problem with printing permissions. When I try to
set
|> | the
|> | printer name on the PrintDocument class I get a security exception
say
|> | it
|> | could not get the permissions required. I use the attribute
|> | [assembly: PrintingPermissionAttribute(SecurityAction.RequestMinimum,
|> | Level
|> | = PrintingPermissionLevel.DefaultPrinting)] but it still won't work.
|> | Peter Bourget
|> |
|> | Now as to your reply, we did not have to create a code group on the
|> | clients
|> | machine. We used the 1.1 Wizards to Adjust .Net Security so the
Trusted
|> | Sites had Full Trust. I don't see the equivalent Wizard for .Net 2.0.
I
|> | will look into code groups and see if they will work.
|> | Peter Bourget
|> |
|> | "Steven Cheng[MSFT]" <stcheng@xxxxxxxxxxxxxxxxxxxxxx> wrote in message
|> | news:20cdhic6FHA.204@xxxxxxxxxxxxxxxxxxxxxx
|> | > Hi Norsoft,
|> |>
|> |> Welcome to ASPNET newsgroup.
|> |> As for the IE host winform control scenario, yes, the IE by default
|> | will
|> |> load the latest installed dotnet framework on the client machine.
And
|> | as
|> |> for the CAS permission, we can just use the .NET 2.0's configuration
|> |> wizard
|> |> to add a code group for our winform control(by URL path or
|> |> strong-name...)
|> |> on the clientside machine. I think that's just like what we do in
..net
|> | 1.1
|> |> environment. What's the permissions you used to grant to your
control

Re: User Control Security on .Net 2.0

|> in
|> |> net 1.1 CAS configuration?
|> |>
|> |> Thanks,
|> |>
|> |> Steven Cheng
|> |> Microsoft Online Support
|> |>
|> |> Get Secure! www.microsoft.com/security
|> |> (This posting is provided "AS IS", with no warranties, and confers
no
|> |> rights.)
|> |> -----
|> |> | From: "Norsoft" <norsoft@xxxxxxxxxxxxxxxxxxxx>
|> |> | Subject: User Control Security on .Net 2.0
|> |> | Date: Mon, 14 Nov 2005 15:26:30 -0800
|> |> | Lines: 21
|> |> | X-Priority: 3
|> |> | X-MSMail-Priority: Normal
|> |> | X-Newsreader: Microsoft Outlook Express 6.00.2900.2527
|> |> | X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2527
|> |> | X-RFC2646: Format=Flowed; Original
|> |> | Message-ID: <e#naVLX6FHA.3276@xxxxxxxxxxxxxxxxxxxx>
|> |> | Newsgroups: microsoft.public.dotnet.framework.aspnet
|> |> | NNTP-Posting-Host: c-67-181-77-42.hsd1.ca.comcast.net 67.181.77.42
|> |> | Path:
|> |> | TK2MSFTNGXA02.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP10.phx.gbl
|> |> | Xref: TK2MSFTNGXA02.phx.gbl
|> |> | microsoft.public.dotnet.framework.aspnet:358102
|> |> | X-Tomcat-NG: microsoft.public.dotnet.framework.aspnet
|> |> |
|> |> | I have a .Net 1.1 application which is downloaded into an aspx
page.
|> |> | It
|> |> | is a
|> |> | dll which inherits from System.Windows.Forms.UserControl. It works
|> |> | fine
|> |> | on a
|> |> | PC with only the 1.1 Framework. However, the control will not
load
|> |> | on
|> |> | a
|> |> | PC
|> |> | with the 2.0 Framework installed. I know that IE will use the
newest
|> |> | framework so I assume it is a security issue.
|> |> |
|> |> | At the assembly level I apply the following attributes;
|> |> | [assembly: PermissionSet(SecurityAction.RequestMinimum, Name =
|> |> | "LocalIntranet")]
|> |> | [assembly: UIPermissionAttribute(SecurityAction.RequestMinimum,

