

Re: impersonating a user

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.inetserver.iis.security/2002-07/1553.html>

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Date: 07/01/02

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Date: 30 Jun 2002 21:00:27 -0700

Thanks for your post Scott.

I think i muddled my question a little.

Running the site as a pre-configured user is not what i want to do.

In effect, what i am after is the same outcome as if i was using integrated windows authentication, with impersonation on, but through a custom login form.

I don't mind denying users without NT accounts, i can redirect them to another site with less functionality.

I saw the CreateProcessAsUser documentation, and i don't think thats useful to me at the moment, either.

any further ideas?

thanks again

daveg

scotstah@Onlinemicrosoft.com (Scott Stahlman [MS]) wrote in message news:<Sd4d#k3HCHA.1600@cpmsftngxa08>...

> *In response to your question: Impersonating the user seems only to last for the duration of the thread or page access, whereas i would like to permanently have the process run as the user, while still allowing anonymous access.*

>

> *This can be done, security is a concern and testing is required. Threads have to be authenticated in order to have access to the CPU. Their authentication is what determines the context of the thread. In Static applications, IIS will read the HTTP, and when anonymous is selected IIS will , as you know, impersonate the IUSR_ account before attempting to access the file. After the request is handled IIS reverts back to the Local System account (which is the default account for Services that are running).*

>

microsoft.public.inetserver.iis.security: Re: impersonating a user

- > You can set up your application to run in another context than IIS. If you
- > make a directory into an application (by clicking on CREATE on the Dir Tab)
- > and move it into High Security protection you will notice in the Component
- > Services Snap-In that you can choose the identity in which to run the
- > application (go to its properties). You can also choose the identity for
- > the Out Of Process Pooled likewise.
- >
- > There is also a Windows API called CreateProcessAsUser which can be called
- > for CGI and VB applications.
- > <http://support.microsoft.com/default.aspx?scid=kb;en-us:Q285879>
- >
- > So it can be done, however, you can create other unexpected problems. A
- > great resource is the book Running Microsoft Internet Information Server 4.0
- > cowritten by my colleague Leonid Braginski. On page 433 he discusses
- > impersonation and authentication (no code samples) very clearly. The book
- > was published by Microsoft Press. It's really enjoyable reading too I
- > might add!
- >
- > JUNE 12th: A new Security patch is available for IIS 4.0 and 5.0. This
- > patch is not a cumulative patch.
- > [http://www.microsoft.com/technet/treeview/default.asp?url=/technet/security/](http://www.microsoft.com/technet/treeview/default.asp?url=/technet/security/bulletin/MS02-028.asp)
- > [bulletin/MS02-028.asp](http://www.microsoft.com/technet/treeview/default.asp?url=/technet/security/bulletin/MS02-028.asp)
- >
- > Thanks,
- > Scott
- > IIS Support
- >
- >
- > This posting is provided AS IS with no warranties, and confers no rights.