

.net user permissions in IIS

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2007-02/msg00915.html>

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Hi folks,

Just wondering if anyone can help me out with this problem I'm having getting a particular .net web application to run on a windows 2003 r2 x64 platform running as a domain account.

Our current setup is as follows:

We have a windows 2003 domain with 4 web servers in. Two of them are windows 2003 sp1 and I am trying to bring two new ones online. These are new windows 2003 x64 R2 boxes. The web sites we run as domain accounts as they need to access resources and shared folders on other servers within the domain.

We have a built our own imageresizer application that runs in .net 1.1. (I think). Apologies if some of my programming terminology is a bit rubbish as I'm a sys admin by nature.

On the older servers with have the following versions of the .net framework installed (these are the folders from windows/microsoft.net folder)1.0.33, 1.0.37. 1.1.43. The new servers have the following versions on them 1.0.37, 1.1.43 and 2.0.50. On the new servers there is also a folder called framework64.

When I try to run the application in the browser in a site running as a domain account I get the following .net error:

Server Error in '/IMAGERESIZER' Application.

Access is denied. (Exception from HRESULT: 0x80070005 (E_ACCESSDENIED))

Description: An unhandled exception occurred during the execution of the current web request. Please review the stack trace for more information about the error and where it originated in the code.

Exception Details: System.UnauthorizedAccessException: Access is denied. (Exception from HRESULT: 0x80070005 (E_ACCESSDENIED))

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ASP.NET is not authorized to access the requested resource. Consider granting access rights to the resource to the ASP.NET request identity. ASP.NET has a base process identity (typically {MACHINE} \ASPNET on IIS 5 or Network Service on IIS 6) that is used if the application is not impersonating. If the application is impersonating via <identity impersonate="true"/>, the identity will be the anonymous user (typically IUSR_MACHINENAME) or the authenticated request user.

To grant ASP.NET access to a file, right-click the file in Explorer, choose "Properties" and select the Security tab. Click "Add" to add the appropriate user or group. Highlight the ASP.NET account, and check the boxes for the desired access.

Source Error:

An unhandled exception was generated during the execution of the current web request. Information regarding the origin and location of the exception can be identified using the exception stack trace below.

Stack Trace:

```
[UnauthorizedAccessException: Access is denied. (Exception from HRESULT: 0x80070005 (E_ACCESSDENIED))]
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```
[FileLoadException: Could not load file or assembly 'System.Web.RegularExpressions, Version=2.0.0.0, Culture=neutral, PublicKeyToken=b03f5f7f11d50a3a' or one of its dependencies. Access is denied.]
```

```
System.Web.Configuration.RegexWorker..cctor() +0
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```
[TypeInitializationException: The type initializer for 'System.Web.Configuration.RegexWorker' threw an exception.]  
System.Web.Configuration.RegexWorker.Lookup(String from) +0  
System.Web.Configuration.RegexWorker.get_Item(String key) +4  
ASP.BrowserCapabilitiesFactory.MozillaProcess(NameValueCollection headers, HttpBrowserCapabilities browserCaps) +449  
ASP.BrowserCapabilitiesFactory.DefaultProcess(NameValueCollection headers, HttpBrowserCapabilities browserCaps) +2568
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ASP.BrowserCapabilitiesFactory.ConfigureBrowserCapabilities(NameValueCollection headers, HttpBrowserCapabilities browserCaps) +21
```

```
System.Web.Configuration.BrowserCapabilitiesFactoryBase.GetHttpBrowserCapabilities(HttpRequest request) +159
```

```
System.Web.Configuration.HttpCapabilitiesEvaluator.EvaluateFinal(HttpRequest request, Boolean onlyEvaluateUserAgent) +23
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System.Web.Configuration.HttpCapabilitiesEvaluator.Evaluate(HttpRequest request) +182
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System.Web.Configuration.HttpCapabilitiesBase.GetBrowserCapabilities(HttpRequest request) +162

System.Web.HttpRequest.get_Browser() +134

System.Web.ErrorFormatter.RequiresAdaptiveErrorReporting(HttpContext context) +104

I can get the application to run successfully when I add the domain user to the local administrators group but this really isn't an option as we cannot have sites running as local admin users. I can also get the application to run ok when it is running on a site running as the anonymous IIS user.

I am presuming that the error message is down to not being able to access this file System.Web.RegularExpressions. How do i go about setting the permissions for our domain user to access the .net files without granting them administrator privileges.

Much appreciated

John

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