

Re: Event Log Trust Level?

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.security/2003-02/0434.html>

From: s.hindmarsh (s.hindmarsh@ukonline.co.uk)

Date: 02/06/03

From: "s.hindmarsh" <s.hindmarsh@ukonline.co.uk>

Date: Thu, 6 Feb 2003 08:36:45 -0800

Thanks Joe,

Any idea on what permissions to give ASPNET (registry access I think), I don't fancy the installer option.

Steve

>-----Original Message-----

>This is a common problem in ASP.NET apps because the ASPNET account that the

>aspnet_wp.exe process runs under by default doesn't have the rights to

>create event sources or even call SourceExists. It can only write to the

>event log.

>

>What I do in this case is install the event log as part of an installer

>package and then just use write to the event log from the app. The obvious

>disadvantage is your deployment becomes more complicated. You could also

>change the permissions for the ASPNET account or choose a different

>processModel with higher permissions, but the installer is the better way to

>go.

>

>Cheers,

>

>Joe K.

>

>"Steve Hindmarsh" <s.hindmarsh@ukonline.co.uk> wrote in message

>news:067501c2cdcfc\$411e8a00\$d5f82ecf@TK2MSFTNGXA12...

>> Hi All,

>>
>> *Can anybody tell me how to write to the application event log with a new source. I'm running the .Net example code but can't get it to work unless the source is set to application. This is driving me nuts. I have created a new WebApplication1 so as everything is set to defaults and then I tried using the .Net Eventlog example source:*

```
>>  
>> ' Create the source, if it does not already exist.  
>> If Not EventLog.SourceExists("MySource") Then  
>> EventLog.CreateEventSource("MySource", "MyLog")  
>> End If  
>>  
>> ' Create an EventLog instance and assign its source.  
>> Dim myLog As New EventLog()  
>> myLog.Source = "MySource"  
>>  
>> ' Write an informational entry to the event log.  
>> myLog.WriteEntry("Writing to event log.")  
>>  
>>  
>> but it comes back with this exception:

```
>>
>> Security Exception
>> Description: The application attempted to perform an
>> operation not allowed by the security policy. To grant
>> this application the required permission please contact
>> your system administrator or change the application's
>> trust level in the configuration file.
>>
>> Exception Details: System.Security.SecurityException:
>> Requested registry access is not allowed.
>>
>> 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:
>>
>>
>> [SecurityException: Requested registry access is not
>> allowed.]
>> Microsoft.Win32.RegistryKey.OpenSubKey(String name,
>> Boolean writable) +473
```


```

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```
>> System.Diagnostics.EventLog.CreateEventSource(String
>> source, String logName, String machineName, Boolean
>> useMutex)
>> System.Diagnostics.EventLog.CreateEventSource(String
>> source, String logName, String machineName)
>> System.Diagnostics.EventLog.CreateEventSource(String
>> source, String logName)
>> WebApplication1.WebForm1.Button1_Click(Object
sender,
>> EventArgs e) in \\next-gen-
server\wwwroot$\WebApplication1
>> \WebForm1.aspx.vb:29
>> System.Web.UI.WebControls.Button.OnClick(EventArgs
e)
>>
>>
System.Web.UI.WebControls.Button.System.Web.UI.IPostBackEv
>> entHandler.RaisePostBackEvent(String eventArgument)
>> System.Web.UI.Page.RaisePostBackEvent
>> (IPostBackEventHandler sourceControl, String
>> eventArgument)
>> System.Web.UI.Page.RaisePostBackEvent
>> (NameValueCollection postData)
>> System.Web.UI.Page.ProcessRequestMain()
>> System.Web.UI.Page.ProcessRequest()
>> System.Web.UI.Page.ProcessRequest(HttpContext
context)
>> System.Web.CallHandlerExecutionStep.Execute()
>> System.Web.HttpApplication.ExecuteStep
(IExecutionStep
>> step, Boolean& completedSynchronously)
>>
>>
>> Any help appreciated as I'm leaving this establishment
>> tommorrow.
>>
>> Steve Hindmarsh
>> App developer
>>
>>
>>
>
>
>.
```