

IIS vs ASP.Net Authentication problem

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.security/2004-11/0144.html>

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Setup

- IIS runs with a domain user account 'domain\iisuser'
- SQL Server has 'domain\iisuser' login setup to act as a data reader/writer

Requirement is to use 'domain\iisuser' to authenticate in SQL Server

More info on setup

- asp.net 1.1
- processModel in machine.config has userName='machine'
password='AutoGenerate'
- Only Integrated Windows Authentication enabled (Anonymous/basic/digest unchecked) in IIS 5
- Connection string used : "Provider=SQLOLEDB;Data
Source=CCMIWS05;Database=t5CONV;Integrated Security=SSPI;"
- Using Windows XP SP2 as a development box.

Microsoft Documentation says

Check the url given here for an exact description

Impersonation is disabled ->

This is the default setting for backward compatibility with ASP. In this instance, the ASP.NET thread will run using the process token of the

application worker process, which by default is the IIS system account, regardless of which combination of IIS and ASP.NET authentication

have been used.

```
<identity impersonate="false"/>
```

(URL:

microsoft.public.dotnet.security: IIS vs ASP.Net Authentication problem

<http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnbda/html/authaspdotnet.asp>

The problem

The 'domain\iisuser' is not authenticated in SQL Server and ASPNet seems to get authenticated which fails as it's not a user in SQL Server.

The error message I am getting is:

Login failed for user 'CCMIWS05\ASPNET'.

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.Data.OleDb.OleDbException: Login failed for user 'CCMIWS05\ASPNET'.

What am I doing wrong per documentation?