

## Re: SQL Connectivity by Web App

**Source:**

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2004-06/0212.html>

---

**From:** ike (M)

**Date:** 06/22/04

Date: Tue, 22 Jun 2004 10:42:52 +0100

Thanks AleK,

That certainly sounds good and reinforces what I was thinking. I think I will try to save the credentials in the Web.config file as AppSetting keys so they are not saved in each page and should be more secure.

Cheers,

<M>ike

"Alek Davis" <alek\_xDOTx\_davis\_xATx\_intel\_xDOTx\_com> wrote in message news:OB9NoC7VEHA.3596@tk2msftngp13.phx.gbl...

> *Mike,*

>

> *The most common approach to this common problem is to specify SQL credentials in the connection string. The downside here is that you need to*

> *protect the connection string at storage, which is a challenge, but unless you have certain specific conditions, you do not have many alternatives.*

*If*

> *you want to propagate user's credentials to SQL server, you have to enable*

> *delegation at the AD domain level, which is not a good idea from security*

> *perspective. And what is worse, your app will not be able to use*

*connection*

> *pooling, so the scalability goes down he drain. If you want to connect to*

> *SQL Server using credentials of the IIS worker process, you either need to*

> *run the IIS process as a domain user or set them identically on both the*

*SQL*

> *serve and Web server using a local account (with the same password). I*

*don't*

> *think that either of these options is good, because if you do this (for*

*one,*

> *any application running under your Web site will be able to connect to SQL*

> *server with privileged rights). The bottom line here is that you will*

> *introduce more problems than you solve. Just go with the SQL credentials*

*in*

> *the connection string. From my experience, this is what most enterprise*

apps

> do.

>

> Alek

>

> "<M>ike" <mikedotdinnisatabraxas-ukdotcom> wrote in message

> news:uO3P\$j6VEHA.2840@TK2MSFTNGP11.phx.gbl...

> > Hi,

> >

> > To start with, i'm not too sure if this is the right group to be posting

> > in

> > so please let me know if these is a more suitable one.

> >

> > I am trying to get my head around the mechanics behind .NET web

> > applications

> > accessing SQL databases located on another pc. My current scenario is that

> > both PC's (IIS5 and SQL2000) are on the same domain but are physically

> > different. I wish to retrieve data from the database to include in the

> > asp.net application. As far as I can see I have two options when

> > building

> > the connection:

> >

> > a) pass credentials in a connection string;

> > b) change the impersonated user to a domain account with sql

> > priivaleges.

> >

> > I notice that the SQL box is set to use windows authentication. Does

> > this

> > make a difference?

> >

> > What I am looking for is are links to resources discussing the matter to

> > determine which method is best, if the are other methods and how to set

> > up

> > the solution.

> >

> > Any help would be appreciated.

> >

> > Regards,

> >

> > <M>ike

> >

> >

>

>