

connecting to sql server with windows authentication

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I'm confounded how difficult it is to setup a connection from an ASP.NET application to SQL Server on a different machine in the same windows domain using windows authentication. My research has found the following options:

1. Use delegation to leverage the current user's account.
2. Replace the ASPNET local account that is running .NET applications on the web server with a domain account.
3. Use impersonation specifying a specific domain user and password in the web.config.

In options 2 and 3 above, the new account must be granted all the rights that the ASPNET account comes with by default. Moreover, if you have a development machine, a live machine, and local installs of IIS for all your developers, the rights must be recreated on every blasted box. That sounds like a maintenance nightmare. Option 1 raises all sorts of security concerns. Understandably, our DBA wants to keep SQL Server authentication turned off since we have a windows network.

Am I missing something here? What is the "obvious" choice?

Thanks in advance.

Mark