

How do I make my database secure?

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.aspnet/2005-11/msg01554.html>

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I have a sql server database hosted by an ISP. It has credit card fields. I want to make the database secure.

My asp.net pages refer to the database as follows:

```
strConnection =
```

```
ConfigurationSettings.AppSettings["ConnectionInformation"];
```

Which means they get the connectionstring for the database from a web.config file.

The web.config file has the following tags:

```
<appSettings>
```

```
<add key="ConnectionInformation"
```

```
value="Server=sql2k5.earthweb.com;Database=merc_One;uid=usa_hvtest;password=vinyl"
```

```
/>
```

```
</appSettings>
```

Is there some way to encrypt the connection string? Would it be encrypted in the web.config? Could some hacker get at the web.config?

Are there any other security measures I could take? For instance, could the creditcard fields be encrypted in the database?

Thanks in advance for any pointers.

-- Marvin

• ***Follow-Ups:***

- ◆ ***Re: How do I make my database secure?***

◇ *From:* Norman Yuan

- ◆ ***Re: How do I make my database secure?***

◇ *From:* Bruce Barker

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