

## RE: Membership – Database Security

---

*Source:*

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2006-10/msg00115.html>

---

- *From:* [stcheng@xxxxxxxxxxxxxxxxxxxxxx](mailto:stcheng@xxxxxxxxxxxxxxxxxxxxxx) (Steven Cheng[MSFT])
  - *Date:* Thu, 19 Oct 2006 02:39:55 GMT
- 

Hello Rbfigueira,

From your description, you have multiple ASP.NET 2.0 Web applications that will use membership/role services to secure themselves. However, you're wondering whether it is proper to store these applications's membership/role data in a shared database or separately, correct?

I think your analysis about the shared database condition is reasonable. Yes, if we configure multiple ASP.NET 2.0 application's membership provider to use the same shared database, each SqlMembershipProvider should use a different "ApplicationName" so that their data can be identified correctly. Also, your worry is correct that if another new application join and also use the same membership database and incorrectly configure with an "ApplicationName" duplicated to another existing application, it will use the existing membership data of that application incorrectly.

For such scenario, I think you can consider the following solution:

1. Still configure multiple ASP.NET applications to use the shared membership database, however, you make the user/roles management (insert, update...) in a separate admin application so that the membership data can only be modified through that admin web application(connect to sql through a particular login with powerful permission). And for normal web application, the windows security identity or sql login(if you use sql connection in connectionstring) only has read-only permission( this is necessary for application's membership/role validation and querying ...).
2. Use separate database for each web application, this will completely prevent application's data being corrupted though it may add data storage overhead.

How do you think? Please feel free to let me know if you have any other questions or ideas on this.

Sincerely,

RE: Membership – Database Security

Steven Cheng

Microsoft MSDN Online Support Lead

=====

Get notification to my posts through email? Please refer to <http://msdn.microsoft.com/subscriptions/managednewsgroups/default.aspx#notifications>.

Note: The MSDN Managed Newsgroup support offering is for non-urgent issues where an initial response from the community or a Microsoft Support Engineer within 1 business day is acceptable. Please note that each follow up response may take approximately 2 business days as the support professional working with you may need further investigation to reach the most efficient resolution. The offering is not appropriate for situations that require urgent, real-time or phone-based interactions or complex project analysis and dump analysis issues. Issues of this nature are best handled working with a dedicated Microsoft Support Engineer by contacting Microsoft Customer Support Services (CSS) at <http://msdn.microsoft.com/subscriptions/support/default.aspx>.

=====

This posting is provided "AS IS" with no warranties, and confers no rights.

.