

# RE: Different password policies for different roles

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*Source:*

<http://www.derkeiler.com/Newsgroups/microsoft.public.dotnet.framework.aspnet.security/2007-03/msg00037.html>

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  - *Date:* Mon, 12 Mar 2007 03:38:56 GMT
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Hello Henrik,

From your description, you're using the ASP.NET 2.0 membership service to secure your web application, and there are two groups of users in your application, you want each group users have their own password strength-requirement policy, correct?

As you have found, by default, each ASP.NET membership provider has a set of settings(include "minRequiredPasswordLength" and "minRequiredNonalphanumericCharacters"). However, we can not apply multiple such settings for a single provider.

So far based on my research, you can consider the following two options:

1. Still use single membership provider in your application, and set the password related policy to the loosest level. And in your application page UI, you can programmatically do password policy assurance checking. For example, in user creation, page, you can use different policy assert code logic to validate the password user entered according to their group.
2. Using multiple membership provders(or other providers such as profile, role...) is supported in ASP.NET 2.0. You can simply add more entries in the <membership>/<providers> elements, e.g.

```
=====  
.....  
<membership >  
<providers>  
<add  
name="provider1"  
...../>  
<add  
name="provider2"  
...../>  
<add
```

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```
name="provider3"  
...../>  
</providers>  
</membership>  
.....  
=====
```

And you also need to programmatically retrieve a specific provider from the registered provider collection and use it to do the membership operations.  
e.g.

```
=====  
MembershipProvider provider1 = Membership.Providers["provider1"];  
=====
```

Here is a MSDN article demonstrate this, it is using AD membership provider, but the logic is applying to all multiple providers scenario:

#How To: Use Forms Authentication with Active Directory in Multiple Domains in ASP.NET 2.0  
<http://msdn2.microsoft.com/en-us/library/ms998345.aspx>

Hope this helps. If you have any further questions, please feel free to post here.

Sincerely,

Steven Cheng

Microsoft MSDN Online Support Lead

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