



If you want to calculate the passwords in your own way, follow this procedure. You can find more information in the [Customizing providers](#).

1. Create a new class in the App_Code folder.
2. Set the class to inherit from the **UserInfoProvider** class.
3. Override the *GetPasswordHashInternal* method.
4. Add the **RegisterCustomProvider** assembly attribute above the class declaration to register the provider.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

using CMS;
using CMS.Helpers;
using CMS.Membership;

// Registers the custom provider
[assembly: RegisterCustomProvider(typeof(MyUserInfoProvider))]

/// <summary>
/// Customized UserInfoProvider for password calculation.
/// </summary>
public class MyUserInfoProvider : UserInfoProvider
{
    protected override string GetPasswordHashInternal(string password, string
passwordFormat, string salt)
    {
        return SecurityHelper.GetSHA1Hash(password + "CustomSalt");
    }
}
```

The system now uses the customized provider (MyUserInfoProvider) instead of the default one.