

Problem handling Login control Authenticate event

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I am starting a rewrite of an existing Classic ASP web site in ASP.NET 2.0. The existing ASP application has several types of users, each with a separate login process (separate login page, separate DB tables, etc). For one of these user types, the current application has an additional input field required for login & they have a username, password, and another location code field. Please don't make me explain or justify this & the mandate is for the new ASP.NET 2.0 site not to require users to log in any differently.

I concatenate the existing username with the location code, with a delimiter character between them. This way I can transition the existing logins to the aspnet_DB schema that uses the normal username & password fields. Users who input the additional location code field will not know it, but their username will actually be the form of current username + delimiter + location code.

I have converted the built-in Login control to use a Template, and have the means to show/hide the extra textbox. I am handling the Login control's Authenticate event (code below), and when the extra input field is submitted I concatenate the username with the location code, passing these to Membership.ValidateUser(). This seems to work fine, it returns true and the next call to FormsAuthentication.RedirectFromLoginPage() works, and the login seems to work (access is granted to appropriate pages based on web.config, LoginStatus control displays correctly, etc.)

However, for the users where this concatenation of the two input field values is executed, the login is somehow not really complete. In these cases, Membership.GetUser() returns null, and the LoginName control displays only the username entered in the default input field, not the full string that I build with the concatenation of the extra location code input field.

For user types where the extra field is not present and the concatenation is not done, Membership.GetUser() returns the correct user object.

What am I missing? Is there some other event I need to handle, or method I need to call? In the .NET 2.0 doc files, about Membership class the Example code only references Membership.ValidateUser() and FormsAuthentication.RedirectFromLoginPage() – though this is not handling the Aut