

Accessing cookies returned in error responses with httpwebrequest (.net CF)

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Hi,

I'm currently developing an application on the ppc using the .NET compact framework, using `HttpWebRequest` and `HttpWebResponse` in asynchronous mode.

I'm currently trying to authenticate (basic authentication) with a site protected by third party security software, and the initial request to the site returns a 401 (Access Denied). I can implement authentication using the `NetworkCredential` class, assigning this to the `Credentials` property.

The problem is that the site uses cookies to track the user attempting access, and the 401 response includes some cookies which need to be passed back with the authentication details. Otherwise I cannot gain access.

We all know that the CF does not support cookies, and I've overcome this problem in a different area by retrieving the important cookies & reinserting them manually (using the `Headers` property of the response and request), but when a 401 is returned from the site, I have no `HttpWebResponse` object to poach them from. (The call to `EndGetResponse` is supposed to return the `HttpWebResponse` object, but throws an exception in the case of a 401).

I have a test application that I can run in the conventional framework, and I can replicate the problem by disabling the cookies. The authentication works as soon as I set the cookie container. So I know that the cookies are definitely the problem.

Does anyone know how to access the headers returned in a server error response?

Cheers,
Alex.