

RE: Persistent https session?

Source:

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This is the reply I get from the server:

```
<!DOCTYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN">
<HTML><HEAD>
<TITLE>302 Found</TITLE>
</HEAD><BODY>
<H1>Found</H1>
The document has moved <A HREF=" / " >here</A>.<P>
</BODY></HTML>
```

If I set the AllowAutoRedirect property on the HttpRequest to true, the app just hangs when doing the request.GetResponse().

As mentioned before I get this response every time the request is made. IE7 redirects the first time the page is requested, but gets the document on the second request.

Thanks in advance!

"David Kirkland" wrote:

Hi, I am trying to connect to an https server and download a file. The server requires a client side certificate, which I have loaded successfully using the X509Certificate class. I then add this certificate to the HttpRequest class and connect to the server.

The problem arises because the initial request to the server gets a 302 redirect response. This response is OK, and is also received in IE7. The second request in IE7 is not redirected, and I can download the file successfully. However, if I try this from my C# client I get the redirect on the first and second request. Is the SSL connection being renegotiated at every request?

Code:

```
static HttpRequest GetHttpRequest()
{
    X509Certificate cert = new X509Certificate(@"c:\cert.P12", "somePassword");
    string url = "https://www.cdinternet.com/Reports/someTextFile.TXT";
```

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```
Uri clearstream = new Uri(url);  
HttpWebRequest request = (HttpWebRequest)WebRequest.Create(clearstream);  
request.ClientCertificates.Add(cert);  
request.Proxy = GetProxy();  
request.AllowAutoRedirect = false;  
request.ProtocolVersion = HttpVersion.Version10;  
request.KeepAlive = true;  
HttpRequestCachePolicy noCachePolicy = new  
HttpRequestCachePolicy(HttpRequestCacheLevel.NoCacheNoStore);  
request.CachePolicy = noCachePolicy;  
request.UserAgent = "Mozilla/4.0 (compatible; MSIE 7.0; Windows NT 5.1; .NET  
CLR 1.1.4322; .NET CLR 2.0.50727)";  
request.PreAuthenticate = false;  
request.Pipelined = true;  
return request;  
↓
```

```
I am calling this method by:  
request = GetHttpRequest();  
HttpWebResponse response = (HttpWebResponse)request.GetResponse();  
stream = response.GetResponseStream();  
.... process stream.....  
... repeat the request...  
request = GetHttpRequest();  
HttpWebResponse response = (HttpWebResponse)request.GetResponse();  
stream = response.GetResponseStream();  
.... process stream.....
```

Any advice would be welcome. If I have left out any necessary detail please let me know.

Thanks,
David.