

## Re: client gets always every first time for every page a 401

**Source:** <http://www.derkeiler.com/Newsgroups/microsoft.public.inetserver.iis.security/2003-05/0843.html>

---

**From:** Stephen L Nicoud (*nicouds\_at\_hotmail.com*)

**Date:** 05/29/03

Date: Thu, 29 May 2003 06:24:34 -0400

I think you are missing megloff's point.

What you say is correct with respect to the first non-anonymous access to a server. Megloff's point is that he is seeing this behavior (anonymous access first, which is denied; then a second request for the same resource with credentials) for each and every resource request.

His log (see his post that started this thread) is showing 2 GET requests for every resource. The first of the two requests for a resource is denied because it is sent without credentials. The second is successful because it does include the credentials. For all but the first access to any non-anonymous resource on a server there should only be one GET request.

"BB" <qbernard@hotmail.com> wrote in message news:#eLBIxaJDHA.2068@TK2MSFTNGP10.phx.gbl...

> *Errr this is what i read*

> ---

> *Orders of Precedence: When the browser makes a request, it always considers*  
> *the first request to be Anonymous. Therefore, it does not send any*  
> *credentials. If the server does not accept Anonymous or if the Anonymous*  
> *user account set on the server does not have permissions to the file being*  
> *requested, the IIS server responds with an "Access Denied" error message and*  
> *sends a list of the authentication types that are supported by using one of*  
> *the following scenarios:*

>

> *--If Windows Integrated is the only supported method (or if Anonymous*  
> *fails), then the browser must support this method to communicate with the*  
> *server. The server tries Kerberos first, and if this fails, then the server*  
> *falls back to Windows NT Challenge/Response. If this fails, the server does*  
> *not try any of the other methods.*

>

> *--If Basic is the only supported method (or if Anonymous fails), then a*  
> *dialog box appears in the to get the credentials, and then passes these to*  
> *the server. It attempts to send the credentials up to three times. If these*