

Re: IIS Log Files logs 401 HTTP Codes

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.inetserver.iis.security/2005-10/0158.html>

From: David Wang [Msft] (*someone_at_online.microsoft.com*)

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The 401 is expected. Think about it this way:

By default, the browser makes requests assuming no authentication is required (because how is a browser supposed to magically know WHAT authentication protocol an arbitrary server requires BEFORE ever making a request to it? It doesn't. Thus, it assumes anonymous).

Suppose the browser makes an anonymous request to a server that REQUIRES authentication and disallows anonymous. What should happen? The browser didn't know about authentication requirements and thus tried anonymous first, but the server requires authentication and thus MUST reject with a 401 response.

This 401 response is what you see logged prior to the 200.

The next question is why you did not see the 401 in the browser but just saw the 200. Well, modern day browsers are aware of servers requiring authentication, and when configured, the browser will attempt to AUTO-AUTHENTICATE with the server using whatever acceptable authentication protocols that are allowed by the server and client.

In your case, the browser auto-authenticated with Integrated authentication (which is a series of request/response handshakes), and the end result is that it succeeded and hence IE just displays the end result of a 200OK, and that is also what the server logs.

```
--
//David
IIS
http://blogs.msdn.com/David.Wang
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//
"Jagjeet Chahal" <jagjeet.chahal@in.bosch.com> wrote in message
news:djapeb$$srl$1@ns2.fe.internet.bosch.com...
Hello All,
I have a small ASP.Net Web application with a single aspx page.
Following code is written in page load of the Webform1.aspx
private void Page_Load(object sender, System.EventArgs e)
{
// Put user code to initialize the page here
Response.Write("Logged user is " + User.Identity.Name.ToString()+ "<br>" );
}
```

microsoft.public.inetsrvr.iis.security: Re: IIS Log Files logs 401 HTTP Codes

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}  
Application is using Windows Integrated Authentication  
When webform1.aspx is viewed in IE Browser it works fine but if we look at  
the IIS Log file a 401 http code is logged.  
#Software: Microsoft Internet Information Services 5.0  
#Version: 1.0  
#Date: 2005-10-21 11:08:46  
#Fields: time c-ip cs-method cs-uri-stem sc-status  
11:26:45 127.0.0.1 GET /test401/webform1.aspx 401  
11:26:45 127.0.0.1 GET /test401/webform1.aspx 200  
Can anybody has a clue regarding this??  
If this is not the correct forum please redirect me to the correct one.  
Thanks and Regards  
Jagjeet Chahal
```