

microsoft.public.inetserver.iis.security: Re: client gets always every first time for every page a 401

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

**Source:** <http://www.derkeiler.com/Newsgroups/microsoft.public.inetserver.iis.security/2003-06/0095.html>

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**From:** BB (*qbernard\_at\_hotmail.com*)

**Date:** 06/03/03

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Ok. I was looking at the exact log at the bottom.

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2003-05-26 15:58:32 166.11.47.199 -
/banking_content_management/common/login_action/0,,00.html 302 217 1922
2003-05-26 15:58:32 166.11.47.199 -
/csam_content_management/csam_content_management_home 401 797 16
2003-05-26 15:58:32 166.11.47.199 szrh91604\logicacma
/csam_content_management/csam_content_management_home/ 302 402 0
2003-05-26 15:58:32 166.11.47.199 szrh91604\logicacma
/csam_content_management/csam_content_management_home/0,,00.html 200
16943 16
2003-05-26 15:58:32 166.11.47.199 szrh91604\logicacma
/banking_content_management/common/images/csam.gif 200 1746 31
2003-05-26 15:58:32 166.11.47.199 szrh91604\logicacma
/banking_content_management/common/images/provider.gif 304 141 16
```

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"When Internet Explorer has established a connection with the server by
using Basic or NTLM authentication, it passes the credentials for every new
request for the duration of the session."
this is valid so far my test show the above. only the first request get 401.
As you mentioned, this is not IIS site, I just tested IE6.0 and W2k Adv I
don't see the '401' second time, even I entered just the subfolder name in
the url bar.
it could be IE settings, but which settings ?
I tested with wfetch.exe as well, if anonymous, get 401. then using basic.
no issue after that.
Thanks for you clarification, this is the first time I see this error.
```

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Regards,

Bernard Cheah

<http://support.microsoft.com/>

"Stephen L Nicoud" <nicouds@hotmail.com> wrote in message  
news:eCLcflIKDHA.1772@TK2MSFTNGP10.phx.gbl...

Look at megloff's first post in this thread

(news:uCvImpGJDHA.3272@tk2msftngp13.phx.gbl). Pay particular attention to  
this section:

"Here an example sequence to make it more understandable:

1.[Browser] Get /myRoot/myFolder/MyDoc.html

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```
2.[Server] 401 (Basic Realm)
3.[Browser] Get /myRoot/myFolder/MyDoc.html Basic:xxxxxxx
4.[Server] 200 Ok
5.[Browser] Get /myRoot/myFolder/mySubFolder
6.[Server] 401 (Basic Realm)
7.[Browser] Get /myRoot/myFolder/mySubFolder Basic:xxxxxxx
8.[Server] 200 Ok
... // If I am accessing the same page the second time it works
x.[Browser] Get /myRoot/myFolder/mySubFolder Basic:xxxxxxx
xi.[Server] 200 Ok
```

Why does my Browser in case 5 not submit the Basic Authorization String automatically? So the Browser should know that he can use the same credentials as used in 3, because they have the same root. "

Note in #1 there is a "Get" of "MyDoc.html" and again in #3. (hence my refer