

Re: Error: HTTP/1.1 407 Proxy Authentication Required

Source: <http://www.tech-archive.net/Archive/ISA/microsoft.public.isa/2007-08/msg00295.html>

- *From:* "Jim Harrison \ (ISA SE)" <jmharr@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Wed, 29 Aug 2007 10:47:04 -0700
-

It appears that the tool supports server auth (401), but not proxy auth (407).

I can't access their support pages, since they limit this to licensed customers.

Scan through their FAQ and see what they say about proxy authentication.

—

Jim Harrison (ISA SE)

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<http://catb.org/~esr/faqs/smart-questions.html>

"Ripul" <Ripul@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:B1266E54-F2DB-484F-AD38-DA6BD0A5F12A@xxxxxxxxxxxxxxxx>

We are using a monitoring tool from indicative software (www.indicative.com) called Service director. It has some built in http tests that supports NTLM for monitoring URL's. Some of their monitoring tests can monitor http status code, availability of web server, response time etc. When you configure the http tests you can specify the the following NTLM properties for authentication purposes i.e

NTLM user
NTLM user domain
NTLM host
NTLM host domain.

I am trying to run the http tests for internal as well as external URL monitoring. For internal URL's which uses integrated Windows authentication, I am not using any proxy but specify the NTLM parameters. When i do that I get this error message—

Aug 28 18:47:28 msas-nyk27p.global.gam.com TestNow: [Debug]
(Tests:Http_4-0:p__113b0ab8627:176889) Start NTLM Authentication at 1188341248015

Aug 28 18:47:28 msas-nyk27p.global.gam.com TestNow: [Debug]
(Tests:Http_4-0:p__113b0ab8627:176889) NTLM handshake 1 server response null

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Aug 28 18:47:28 msas-nyk27p.global.gam.com TestNow: [Debug]
(Tests:Http_4-0;p__113b0ab8627:176889) INITIAL RESPONSE :
HTTP/1.1 401 Unauthorized
Content-Length: 1656

I also notice that the domain user account I am using for NTLM authentication gets locked each time I run the test.

For the external URL's like www.google.com I keep getting a different error message-

HTTP/1.1 407 Proxy Authentication Required (The ISA Server requires authorization to fulfill the request. Access to the Web Proxy service is denied.)

Now I know Indicative does not support NTLM V2 for http tests. I checked the NTLM compatibility level is set to 4 in the registry on the web server as well as on the proxy. I tried changing that to value 2 but still got the same error message.

Any ideas?

Thanks

Ripul

"Jim Harrison (ISA SE)" wrote:

Sorry, Phil; that's incorrect.
The authentication method is not changed by modifying the user credentials.

Exactly what monitoring tool is this?
As Phil correctly stated, it's entirely possible that your tool doesn't support NTLM (or Integrated) proxy authentication.
You can add Basic auth to the network object Web proxy authentication options and see if it understands that.

--
Jim Harrison (ISA SE)

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<http://catb.org/~esr/faqs/smart-questions.html>

"Phillip Windell" <philwindell@xxxxxxxxxxxx> wrote in message
<news:OSklywZ6HHA.5980@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
If your Tool isn't capable of comprehending NTLM authentication (such as only using Basic Auth) you will have to prefix the credentials prompt with

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the domain name:

User: domain\user

Pass: *****

If you ran the Firewall Client and made sure the Tool is set to not use a proxy (if it has such settings) then you would never have the prompt to start with.

--
Phillip Windell
www.wandtv.com

The views expressed, are my own and not those of my employer, or Microsoft, or anyone else associated with me, including my cats.

Understanding the ISA 2004 Access Rule Processing
http://www.isaserver.org/articles/ISA2004_AccessRules.html

Troubleshooting Client Authentication on Access Rules in ISA Server 2004
http://download.microsoft.com/download/9/1/8/918ed2d3-71d0-40ed-8e6d-fd6eeb6cfa07/ts_rules.doc

Microsoft Internet Security & Acceleration Server: Partners
<http://www.microsoft.com/isaserver/partners/default.asp>

Microsoft ISA Server Partners: Partner Hardware Solutions
<http://www.microsoft.com/forefront/edgesecurity/partners/hardwarepartners.mspx>

"Ripul" <Ripul@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
<news:8D4E4C57-C64D-40AC-92ED-464CB9DF9235@xxxxxxxxxxxxxxxxxxxx>

I am trying to run an http test from a monitoring tool to check the http status code of external URL like www.google.com. And I am getting this error message--

HTTP/1.1 407 Proxy Authentication Required (The ISA Server requires authorization to fulfill the request. Access to the Web Proxy service is denied.)

The ISA server requires NTLM authentication. I have tried putting the NTLM credentials but no luck so far. I keep getting this error message. Any help would be highly appreciated.

Thanks

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