

Re: Basic Authentication + IIS 5 + Windows 2000 + Frontpage 2002 = failure?

Source: <http://www.derkeiler.com/Newsgroups/microsoft.public.inetserver.iis.security/2002-12/6763.html>

From: Dave (db.robertson@clear.net.nz)

Date: 12/13/02

From: "Dave" <db.robertson@clear.net.nz>

Date: Sat, 14 Dec 2002 01:24:22 +1300

Vincent,

What a drama. I sympathies with you. I have read all episodes in your "Basic Authentication" story and can relate to them all. I have been tearing my hear out over almost the identical issue. An interesting common factor is the introduction of Active Directory.

I am very eager to hear what happened after the rebuild and whether you finally nailed the problem.

Could you please let me know how you got on.

Regards

David

"Karl Westerholm [MS]" <karlwestonline@microsoft.com> wrote in message news:8F3\$7MPkCHA.932@cpmsftngxa08...

> *Sorry, I was out-of-office for a few days there. I hate to see a rebuild
> be required, but then again that will almost certainly fix it...we shall
> see.*

>

> -->Karl

>

>

>

> *"Please do not send email directly to this alias. This is our online
> account name for newsgroup participation only."*

>

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rights.*

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> reserved.*

>

> -----

> / *From:* trinetgrinch@yahoo.com (Vincent Polite)

microsoft.public.inetsrvr.iis.security: Re: Basic Authentication + IIS 5 + Windows 2000 + Frontpage 2002 = failure?

> / *Newsgroups: microsoft.public.inetsrvr.iis.security*
> / *Subject: Re: Basic Authentication + IIS 5 + Windows 2000 + Frontpage 2002*
> / *= failure?*
> / *Date: 18 Nov 2002 16:11:10 -0800*
> /
> / *Well, interestingly enough, I still can't get this set up to work. I*
> / *have proceeded removing all extraneous accounts and websites from my*
> / *computer to see if there's anything else going on. I actually*
> / *attempted to reproduce the issue on my machine here at work and was*
> / *unable to. The only REAL difference I can tell is that my machine is*
> / *a domain controller, whereas the machine here is not.*
> /
> / *I'm considering doing a clean install from scratch to see if that*
> / *alleviates the problem.*
> /
> / *Hope all is well,*
> /
> / *Vincent Polite*
> / *Still Struggling....*
> /
> /
> / *trinetgrinch@yahoo.com (Vincent Polite) wrote in message*
> / *news:<2c44a01a.0211131022.5cd13b3c@posting.google.com>...*
> / > *Karl,*
> / >
> / > *One other thing. Is it unusual that I cannot log on to the actual*
> / > *machine?*
> / >
> / > *By this, I mean, usually, on the basic logon screen of a server, I see*
> / > *a space for username and password, as well as domain. And domain will*
> / > *be filled in with a list of domain names, including the name of the*
> / > *local computer.*
> / >
> / > *In my setup, I cannot log in to the local computer, only the domain.*
> / >
> / > *This machine was my very first win2k server and is the first machine*
> / > *running active directory.*
> / >
> / > *VP*
> / >
> / > *karlwestonline@microsoft.com (Karl Westerholm [MS]) wrote in message*
> / *news:<[pOD2\\$griCHA.2368@cpmsfngxa09](mailto:pOD2$griCHA.2368@cpmsfngxa09)>...*
> / > > *I've been where you are, and I can certainly sympathize! With every*
> / > > *extra bit added to the configuration of this puzzle, the problem*
> / > > *seems to*
> / > > *become almost unsolvable. But, as someone once said, 'the truth is*
> / > > *out*
> / > > *there'! :)*
> / > >
> / > >

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> / > > *I would try to start with the simplest possible configuration and
> work*
> / > > *upward:*
> / > >
> / > > *1.) Create a brand–new test physical directory (called, say,
> c:\testing)*
> / > > *local to your IIS5 server, and be careful to keep this physical
> directory*
> / > > *outside of any other web content directories you have currently.*
> / > >
> / > > *2.) Place a single *simple* HTML or ASP file in that dir (something
> like*
> / > > *'<% response.write time %>', in other words) and Assign NTFS
> permissions on*
> / > > *the file + dir to be 'administrator' & 'system' full control...no
> other*
> / > > *NTFS perms.*
> / > >
> / > > *3.) Map this physical dir to a virtual directory (called, say,
> 'testing'*
> / > > *;) under the website in question, enabling only Basic
authentication.*
> / > >
> / > > *4.) Prove that you can at least browse to this file in IE, are
> prompted to*
> / > > *authenticate, and can use the local administrator account to
> successfully*
> / > > *authenticate to it.*
> / > >
> / > >
> / > > *Gotchas to be aware of:*
> / > >
> / > > *– Always have 'show friendly HTTP error messages' turned off in your
> test*
> / > > *copy of IE. (IE's tools/internet options/advanced tab) If this
> option is*
> / > > *checked on your test IE client, it may mask additional error
messages*
> / > > *you*
> / > > *may be getting that are very significant.*
> / > >
> / > >
> / > > *– When testing with IE or FrontPage local to the webserver for a
> baseline*
> / > > *'is this working yet?' reference, be sure to connect via
> windowsmachinename*
> / > > *rather than IP or FQDN. That is to say, use 'http://machinename' to
> / > > connect rather than 'http://1.2.3.4'.*
> / > >
> / > > *IE (and FrontPage too, if I am not mistaken) will interperate the
> / > > presence of periods in the address as indicating the request *may**

be

> / > > *Internet, and not Intranet. This may have the effect of remoting*
> *your*
> / > > *request out through a configured Proxy even when you do not wish to*
> *do so.*
> / > >
> / > >
> / > > – *Be careful to cycle the IISAdmin service whenever you are making*
> *security*
> / > > *tweaks & NTFS–type permissions modifications. IIS5 will cache the*
> / > > *credentials of a given user account for a period of time (15*
minutes,
> *I*
> / > > *believe) so if you do not cycle the IISAdmin service, or wait until*
> *the*
> / > > *credentials are no longer cached, you may have made a tweak that*
> *actually*
> / > > *fixed the problem but just do not realize it has worked.*
> / > >
> / > > *You can cycle IISAdmin from control panel/services, but I*
> *generally like*
> / > > *to use the command–line:*
> / > >
> / > > *net stop iisadmin*
> / > > *(followed by)*
> / > > *net start w3svc*
> / > >
> / > > *Of course, this *also* has the effect of stopping all your*
> *websites on*
> / > > *that box until the w3svc service is restarted. You can adjust the*
> *caching*
> / > > *of credentials in IIS upward or downward, but setting it to too*
small
> *a*
> / > > *time can have implications to poor performance. See also:*
> / > > <http://support.microsoft.com/default.aspx?scid=KB;en-us;152526&>
> / > >
> / > >
> / > > *Now that I have some of those gotchas out of the way, lets get*
> *back to*
> / > > *our testing VDIR. I am presuming that at this point browsing*
> *locally,*
> / > > *authenticating as the admin user, and displaying simple content is*
> *working*
> / > > *perfectly.*
> / > >
> / > > *Next, lets configure the server extensions on this VDIR....select*
> *the*
> / > > *defaults.*
> / > >
> / > > *Once you have the extensions configured, attempt to connect to*

microsoft.public.inetsrvr.iis.security: Re: Basic Authentication + IIS 5 + Windows 2000 + Frontpage 2002 = failure?

via

> / > > *FrontPage from the local machine. Can you connect? Does it prompt you for*

> / > > *authentication? Do the admin user credentials that worked for browse*

> allow

> / > > *you to connect fully w/FP as well?*

> / > >

> / > > *If not, keep careful track of any errors you get in the process and post*

> / > > *them back here. Also, immediately after whatever FP-failure you*

> / > > *experience, track down the IIS5 server's System & Application event viewer*

> / > > *logs. Look for any red (stop) or yellow (warning) error messages that seem*

> / > > *to be synced up with the failure....and post them as well! :)*

> / > >

> / > > *Regards,*

> / > > *-->Karl*

> / > >

> / > >

> / > >

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> / > > *account name for newsgroup participation only."*

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> / > > *reserved.*

> / > >

> / > > -----

> / > > | *From: trinetgrinch@yahoo.com (Vincent Polite)*

> / > > | *Newsgroups: microsoft.public.inetsrvr.iis.security*

> / > > | *Subject: Basic Authentication + IIS 5 + Windows 2000 + Frontpage 2002 =*

> / > > *failure?*

> / > > | *Date: 12 Nov 2002 16:17:27 -0800*

> / > > | *Organization: <http://groups.google.com/>*

> / > > |

> / > > | *I have seen threads about this topic all over UseNet, so I wanted to*

> / > > | *state my problem which may or may not have a unique twist.*

> / > > |

> / > > | *The setup:*

> / > > |

> / > > | *My web server is a Windows 2000 Server. It houses Exchange 2000 and*

> / > > | *runs IIS5 Web Services and FTP Service. From a website*

> / > > | *perspective, I*

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> / > > / *host (for personal reasons) about 30 different websites. These*
> / > > / *websites are differentiated using host-headers, configured through*
> *the*
> / > > / *Internet Services Manager.*
> / > > /
> / > > / *The websites are divided into 4 domains.*
> / > > /
> / > > / **.domain1.com (20)*
> / > > / **.domain2.com (2)*
> / > > / *hostname1.domain3.com*
> / > > / *hostname2.domain4.com*
> / > > /
> / > > / *The last two entries are websites that I planned on hosting for*
some
> / > > / *friends. However, to avoid having all their network traffic*
getting
> / > > / *sent to my machine before the site was ready, I set up special*
> / > > / *instances on the server.*
> / > > /
> / > > / *The web server itself is behind a Netgear Home Protection System*
on
> / > > / *the tail end of an ADSL Line. I have set up port forwarding for*
> *ports*
> / > > / *80 (HTTP), 443 (HTTPS on IIS), 25(SMTP), and the ports for my*
remote
> / > > / *control program. (I'm pretty sure FTP is set up as well)*
> / > > /
> / > > / *On all of the sites I have set up the Frontpage Server Extensions*
> / > > / *circa 2002. On the majority of the sites, I have set up*
Sharepoint
> / > > / *Team Services.*
> / > > /
> / > > / *When I was using NTLM, I was able to connect to my sites and*
> / > > / *authenticate with any password protected sites no problem. All*
the
> / > > / *sites worked perfectly, and I had nary a problem.*
> / > > /
> / > > /
> / > > / *The problem:*
> / > > /
> / > > / *I wanted to work on a friends' site using the facilities/software*
I
> / > > / *had available at the office. I was going to use Frontpage 2002 to*
> / > > / *edit this website, but my company's proxy server will not allow NT*
> / > > / *Challenge/Response w/untrusted domains.*
> / > > /
> / > > / *Because I cannot convince the powers that be at my office to let*
me
> / > > / *use NT Challenge/Response against my web server, I felt a*
reasonable
> / > > / *alternative would be to change the authentication on the website*

to

> / > > / *"Basic Authentication."*

> / > > /

> / > > / *Once I made this change through the Internet Services Manager, I was*

> / > > / *unable to use Frontpage to edit the site. The problem went beyond*

> / > > / *Frontpage, as well. In order to make sure it wasn't my company's*

> / > > / *proxy server, I tried to edit the site running Frontpage locally*

on

> / > > / *the server itself, and I couldn't validate any of my accounts.*

> / > > /

> / > > / *After perusing this newsgroup for about a week, i ran across the*

> / > > / *following notions:*

> / > > /

> / > > / *1) Make sure the accounts can log on locally to the server.*

> / > > / *2) Make sure that when logging on, use the servername\username*

format

> / > > / *for the username password prompt.*

> / > > / *3) Set a default domain equal to the domain of the account you are*

> / > > / *using.*

> / > > / *4) Set a default domain equal to \' which signifies all trusted*

> / > > / *domains.*

> / > > /

> / > > / *Nothing works. At this point my brain is too numb to orchestrate*

the

> / > > / *test of just checking basic authentication against a protected*

page

in

> / > > / *the website, but I'm pretty sure I can't get that to work as well.*

> / > > / *Meaning, go into Explorer, remove permissions for a specific page*

> / > > / *except for a specific user, and then try to browse to that page*

using

> / > > / *a web browser under basic authentication.*

> / > > /

> / > > / *Any ideas as to how I can approach this problem at this point?*

> / > > / *Clearly I haven't tried everything, but I feel like I've exhausted*

> / > > / *quite a few possibilities.*

> / > > /

> / > > / *Thanks,*

> / > > /

> / > > / *Vincent Polite*

> / > > / *Internet Application Specialist about to rescind his title*

> / > > /

> /

>