

Re: redirect http to https for virtual directories

Source:

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.iis/2004-04/1128.html>

From: Arif (arif_at_arif.us)

Date: 04/12/04

Date: Mon, 12 Apr 2004 08:46:26 -0700

Ken,

Thanks a lot for the message.

Here is what I have done.

1. Created `httpredirect.asp` with necessary code to look at the URL and if it comes over "80" redirect to <https://URL/securedir/default.asp>
2. Edited Documents for `securedir` to include `httpredirect.asp` and moved all the way up in the list
3. Enable anonymous access and unchecked the Require SSL for `httpredirect.asp`
4. `Securedir` is still setup with only allow Basic Authentication.

Now, when I do <http://URL/securedir>, it hits `httpredirect.asp` BUT ASKS FOR THE AUTHENTICATION even though the anonymous access is turned on at the file level. If proper authentication is provided, it redirects me to <https://URL/securedir/default.asp> and I get the second authentication for the application as designed.

I have done the same thing for 403.4 at the root level and it works like a charm. The only difference is that Anonymous access is turned ON at the root level.

What I don't understand is why IIS is asking for authentication when I have <http://URL/securedir/httpredirect.asp> setup as anonymous access? If I say cancel, I get 403.2 (authentication required). The other thing that is bothering me is why 403.4 custom error not handling http to https redirects at the virtual directory level?

Sorry for the long message, Please assist.

>-----Original Message-----

>Hi,

>

>a) create a custom error page to do the http -> https
redirect (e.g. similar
>to your existing default.asp). Make sure that this page
does *nothing* else
>important
>
>b) setup the virtual directory so that:
> - it requires SSL
> - it requires authentication
>
>c) setup the custom error page so that it *does not*
require authentication.
>
>Then, when a user comes to the site using http:// the
custom error page will
>be invoked, but the user will not be required to
authenticate. The error
>page will redirect to https://, and then the user will
be required to
>authenticate when they access any of the other documents
in the secured
>directory.
>
>Cheers
>Ken
>
>
>"Arif" <anonymous@discussions.microsoft.com> wrote in
message
>news:1821b01c41f58\$a30edd60\$a601280a@phx.gbl...
>: Hi,
>: I have a web server with the following configuration;
>: 1. Anonymous Access is turned on
>: 2. SSL certificate is installed and required
>: 3. Custom Error 403.4 page is edited to redirect
>: http://servername to https://servername
>: 4. Couple of Virtual Directories (one with classic ASP
>: and the other one with ASP.Net applications)
>: 5. Anonymous Access is TURNED OFF at the virtual
>: directories level because of the application
requirements
>:
>: The http to https redirect at the root level
>: (http://servername) is working fine. But I need to have
>: http to https redirect at the virtual directory level.
I
>: have the same code that I am using in the custom error
>: page in default.asp page in my virtual directory. Since
>: the anonymous access is turned off, it asks for the
>: authentication and once authenticated it processes the
>: http to https redirect. So the redirect is working but

microsoft.public.inetsrvr.iis: Re: redirect http to https for virtual directories

>: *for obvious reason, I cannot have this in production*
>: *because the initial authentication is done over simple*
>: *text.*
>:
>: *If I do not have the code in "default.asp" page to*
>: *redirect to https, then I get JUST "HTTP Error 403 –*
>: *Forbidden".*
>:
>: *Can anyone please help me how to configure the http to*
>: *https for a URL like http://servername/aspapp/, the*
>: *default page is "default.asp"???* *Keep in mind, I have*
to
>: *have ONLY Basic Authentication. (I can live with*
>: *unchecking the Require SSL at the virtual directory*
level
>: *if it is assured that all the contents are being*
>: *redirected to HTTPS).*
>:
>: *Thanks in advance for your help.*
>: *Arif*
>:
>
>
>
>
>