

Re: Virtual Directory – Permission Denied with fso CopyFile

Source:

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.iis/2004-11/1400.html>

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

Date: 11/21/04

Date: Sun, 21 Nov 2004 00:52:42 -0800

Since you repeated a post after this one, I'm repeating this post after yours.

Strange. What you describe works for me, and I followed your setup exactly as-is.

In fact, I put both the ASP page on the local machine and on a UNC vdir and both work — I can have the ASP page on UNC copy to a local or remote share, and ASP page on local filesystem copy to local or remote share. All this worked with either the administrator (same identity on both machines) or TestUser (normal user account with same credentials on all machines).

Can you please describe what Authentication protocols you have enabled. Only Anonymous and Basic authentication will work with this configuration because they are insecure and implicitly delegate a user's credentials. Integrated and other secure authentication protocols require additional configuration and common AD for trust configuration.

--

//David

IIS

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//

"Bill" <Bill@discussions.microsoft.com> wrote in message news:A20DC8D2-A5D7-456F-B580-58C288312280@microsoft.com...

More data ...

I still have not gotten this to work. I did, however, conduct a test with the "new" account. I created a local system account on each server named "vdirUser" and synchronized their passwords.

I logged into the IIS server as vdirUser and simply typed \\remoteserver\share in the Start->Run dialog. The explorer window popped open and I had read and write permissions to the share.

I logged off and back into the IIS server as the administrator and deleted and recreated the virtual directory. I used the "vdirUser" account and selected both read and write permissions. This didn't work. So, I opened the properties and directory security tab. I changed the IUSR_computername account to the "vdirUser" account and unchecked the box to let IIS manage the password. This didn't work. So, finally, I opened the directory security

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tab for the virtual directory and unchecked the windows authentication.
This
didn't work. Did the same thing but enabled "basic" authentication. This
didn't work.
I'm obviously still missing something, but I can't for the life of me figure
out what.
B
"David Wang [Msft]" wrote:
> Strange. What you describe works for me, and I followed your setup
exactly
> as-is.
>
> In fact, I put both the ASP page on the local machine and on a UNC vdir
and
> both work -- I can have the ASP page on UNC copy to a local or remote
share,
> and ASP page on local filesystem copy to local or remote share. All this
> worked with either the administrator (same identity on both machines) or
> TestUser (normal user account with same credentials on all machines).
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> Can you please describe what Authentication protocols you have enabled.
> Only Anonymous and Basic authentication will work with this configuration
> because they are insecure and implicitly delegate a user's credentials.
> Integrated and other secure authentication protocols require additional
> configuration and common AD for trust configuration.
>
> --
> //David
> IIS
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rights.
> //
> "Bill" <Bill@discussions.microsoft.com> wrote in message
> news:C99614E5-30DE-4A54-B2E7-5D90A5BF998B@microsoft.com...
> Well, let me ensure I'm understanging this correctly by outlining what
I've
> done.
>
> 1. I created a share on a remote server (remote to the IIS server). In
> reviewing it's sharing permissions and security tab permissions "everyone"
> has "full control" It was that way by default. I changed nothing.
>
> 2. I created a virtual directory in IIS that points to
\\remoteserver\share
> and gave it an account with the same name and password on both systems -->
> it
> is in fact, the local machine administrator account in both cases. I've
> also
> tried creating a 3rd unrelated account on both systems named the same with
> matching passwords. Still no dice.
>
> 3. I have read a number of q-articles and one suggested opening the
> "directory security" tab on the vdir and selecting, edit, edit and
manually
> setting the account to be used. I did this and I told IIS not to manage
the
> password. In addition I removed the "nt authentication" on the 1st part
of
> that tab. All these things have been tried ...
>
> Here's the code I'm using:
>

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```
> <% Option Explicit %>
> <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"
> <"http://www.w3.org/TR/html4/strict.dtd">
> <html>
> <head>
> <META HTTP-EQUIV="Content-Type" CONTENT="text/html; charset=ISO-8859-1">
> <title></title>
> </head>
> <body>
> <%
> On Error Resume Next
>
>
> dim fso
> dim str_vDirName
> dim int_id
> dim str_vDirPath
> dim str_LocalFileName
> dim str_DestinationFileName
> dim str_DestinationPath
>
> str_vDirName = "mrtg"
> ' as defined in IIS
> int_id = 161829
> ' a subdirectory to store data in
> str_vDirPath = server.MapPath(str_vDirName)
> str_DestinationPath = str_vDirPath & "\" & int_id & "\"
> str_DestinationFileName = "sample.jpg"
> ' put a copy of this file in the root of the vdir for display
> ' testing.
> str_LocalFileName = "c:\sample.jpg"
> ' local to the web server
>
>
> Response.Write("<p>The physical path to the vDir is: <b style='color:
> red;'>" & str_vDirPath & "</b>")
>
> Response.Write("<p>An image file from the vDir: <br><img alt='BROKEN'
> src='/' & str_vDirName & '/' & str_DestinationFileName & "'>")
>
> set fso = Server.CreateObject("Scripting.FileSystemObject")
>
> response.write ("<p>The folder " & str_DestinationPath &
> " exists: <b style='color: red;'>" &
> fso.folderexists(str_DestinationPath) & "</b>")
> response.write ("<p>The file " & str_vDirPath & "\" &
> str_DestinationFileName & " exists: <b style='color: red;'>" &
> fso.fileexists(str_vDirPath & "\" & str_DestinationFileName) & "</b>")
>
> if fso.FileExists(str_LocalFileName) then
> ' the source file exists
>
> call fso.CopyFile(str_LocalFileName,str_DestinationPath &
> str_DestinationFileName)
> Response.Write("<p>Copying an image from the local machine to the virtual
> directory ...")
>
> end if
>
> Response.Write("<p>Displaying the copied image: <br><img alt='BROKEN'
> src=' " & str_vDirName & "/" & int_id & "/" & str_DestinationFileName &
> "'>")
>
```

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```
> if Err <> 0 then
>
> Response.Write("<p><br>There was an error in the web application. The
> error was: <b style='color: red;'>" & err.Description & "</b>")
> Err.clear
>
> end if
>
> set fso = nothing
> %>
> </body>
> </html>
>
> The code assumes you have a copy of sample.jpg in both the root of C on
the
> web server and in the root of the virtual directory. The 2nd is used as a
> display test to ensure your vdir is correct.
>
> I have 2 vdirs created to test this. 1 sits on the local iis server and
is
> \\iisserver\test --> this one works! The copy operation works and the
> resulting copied image is displayed. The 2nd vdir is on
> \\remoteserver\share. The test image is displayed, but both folder and
file
> exists return FALSE and the copy operation ends in a "permission denied."
> To
> execute these 2 tests the only parameter that is changed is str_vDirName
> from
> "local" to "remote" (the corresponding vdir names in IIS).
>
> Thanks for the reply!
>
> B
>
> "David Wang [Msft]" wrote:
>
> > Make sure the UNC share allows Read/Write permissions to the user in
> > question, in ADDITION to the NTFS ACLs. UNC Share ACLs is "Read"-only
by
> > default.
> >
> > Suggested simplified Filesharing model uses:
> > UNC Share -- Everyone Full Control
> > NTFS -- actual file ACLs
> >
> > This removes the UNC Share permissions from the picture, so you just
need
> > to
> > match impersonated identity to filesystem ACL to calculate effective
> > permissions. I have no idea what tabs you are looking at, but the only
> > ones
> > that matter for UNC-based content are:
> > 1. Identity in IIS. You control this by choosing Authentication Type
> > 2. UNC Share -- right-click properties on the UNC server's share itself
> > and
> > set it to Everyone:F so that you can ignore it
> > 3. NTFS ACLs -- right click on the folder/file on the remote server and
> > set
> > permissions appropriately
> >
> > Very straight forward -- it's always worked like this since beginning of
> > NT.
```

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```
> >
> > --
> > //David
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> rights.
> > //
> > "Bill" <Bill@discussions.microsoft.com> wrote in message
> > news:4DCA0AB5-C2D6-46F8-A5D4-594C55ED9837@microsoft.com...
> > I am having this same problem. I can "read" from the vdir, but I cannot
> > write to it or create folders. I made accounts on the UNC server for
> > IUSR_computername and IWAM_computername and made sure to sync their
> > passwords.
> >
> > After reading through the suggested steps here and Barry's solution I
> > tried
> > created an unrelated 3rd account on both systems with synchronized
> > passwords.
> > I also deleted and recreated the vdir with the new account. No luck.
> > Read=good, write/modify=bad. In reading a M$ q-article I tried setting
> > the
> > account in the directory security tab (of IIS props on vdir) to the
> > account.
> > Still; no luck.
> >
> > Any other suggestions?
> >
> > B
> >
> > "Barry" wrote:
> >
> > > I have 2 servers running win2k, one is a web server and the other is
> > going
> > > to be an archive server. The process would be that a user generates a
> > pdf
> > > report, and then they would choose to archive the report in which the
> > file
> > > would then be copied to the archive directory.
> > >
> > > Both servers are running win2k which is currently my test servers and
my
> > > live servers will be win2k3. I've setup the archive directory for
> > sharing
> > > and given everyone all permissions except full control. I've setup
the
> > > virtual directory within my site using \\<ip>\archive, where the
connect
> > as
> > > has been setup using my username/password (I'm a domain admin, this is
> > too
> > > wide open, but I'm just trying to get it to work for now). The site
is
> > > using anonymous access. I've even given the archive directory
> > anonymous,
> > > everyone and iusr_machinename sharing and security permission for all
> > > permissions except full control.
> > >
> > > The problem that I'm running into is when a user selects save, I
create
> > a
> > > FileSystemObject and use the CopyFile function to which I get a
> > permission
```

```
> > > denied error.  
> > >  
> > > Any ideas?  
> > >  
> > > Thanks,  
> > > Barry  
> > >  
> > >  
> > >  
> >  
> >  
> >  
>  
>  
>
```