

## Re: IIS 6.0 on Windows Server 2003

**Source:**

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.misc/2004-07/0045.html>

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**From:** David Wang [Msft] (*someone\_at\_online.microsoft.com*)

**Date:** 07/24/04

Date: Fri, 23 Jul 2004 18:40:21 -0700

If PHP insists on using CMD.EXE to execute the shell() command on the server, then no, you have no choice -- you must give read permissions to the web-authenticated user (it sounds like you are only using anonymous) to CMD.EXE.

At this point, this would be a security vulnerability caused by PHP. IIS6 is simply the messenger in making this decision explicit.

Some alternatives you can look into -- try to invoke the CreateProcess Win32 API function from PHP to directly invoke and execute zipcode.exe (no requirement on CMD.EXE) -- or try to use case #3 and cause IIS to directly invoke zipcode.exe and send its data back to the browser (you'll want to use something like ServerSideIncludes to place formatting before/after this data blob).

```
--
//David
IIS
This posting is provided "AS IS" with no warranties, and confers no rights.
//
<anonymous@discussions.microsoft.com> wrote in message
news:305901c470e3$8cf57480$a301280a@phx.gbl...
Yes my case is like #2
-----
Allow the user to browse to a web page, which executes
zipcode.exe on the server, and the web page formats the
output and returns it to the browser as a web page. This
requires Web Service Extension for the script engine
hosting the web page (but NOT needed for zipcode.exe --
since IIS directly executes the web page, which indirectly
executes zipcode.exe).
-----
When i visitor browses
http://mysite.com/lookup.php?zipcode=03791
The lookup.php page take the input var of 03791 and passes
it off to the zipcode.exe (a commandline module for
windows)
then the results are sent back to the php page to be used
to look up information.
So basicly zipcode.exe a command line tool that returns a
result based on the var's passed.
This tool works in my exsisting IIS 5 web site application
```

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in my windows 2000 server.  
We are upgrading a new server that is running windows 2003 server with IIS 6.  
I have IIS and PHP 4 running and ALL of my php pages are running fine except the ones that call zipcode.exe  
I have read the if I give execute permissions to %SystemRoot%/System32/cmd.exe for the user IUSR\_sytemname then the shell command will work.  
I'm reluctant to give acces rights to the IUSR\_sytemname becuse of security reasons.  
Is their any workaroud other than giving access rights to the command line?

Thanks

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

>what's the error msgs ?

>http status in IIS log file ?

>

>

>--

>Regards,

>Bernard Cheah

><http://www.tryiis.com/>

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

><http://www.msmvps.com/bernard/>

>

>

>

>"tim" <tim@russound.com> wrote in message

>news:0a1e01c46e72\$fbe3bd70\$a601280a@phx.gbl...

>> I have looked at the MIME Types and .EXE is listed as:

>> application/octet-stream with NO luck...

>>

>>

>>

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

>> >I am also experience the similar problems

>> >

>> >I have a zip code look up tool that runs in a web page

>> and

>> >calls zipcode.exe and passes a zip code to it then

>> >displays the zip code with X radius

>> >For example:

>> >From a command prompt:

>> >C:\ zipcode.exe 03852 5

>> >03853

>> >03854

>> >03855

>> >03856

>> >03857

>> >

>> >I call this script in my web page and pass the zip code

>> >and radius as variables and it WORKS in IIS 5

>> >

>> >I have looked at the MIME Types and .EXE is listed as:

>> >application/octet-stream

>> >

>> >Now What?

>> >

>> >

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

>> >>I found the answer:

>> >>

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>> >>If you are using IIS 6.0 (supplied with Windows 2003),  
>> >IIS  
>> >>IIS serves only files with extensions registered in its  
MIME  
>> >>types list. To ensure that IIS serves the requested  
>> >files,  
>> >>either add each extension used by those files or a  
>> >>wildcard (\*.\*) to the list. To do this, find the top-  
>> >>level  
>> >>web directory, open the properties pages and click the  
>> >>HTTP Headers tab. Then select MIME types and add the  
>> >>extensions, mapping them to MIME  
type 'application/octet-  
>> >>stream'.  
>> >>  
>> >>Thanks,  
>> >>  
>> >>Steve Cox  
>> >>>-----Original Message-----  
>> >>>What do you mean "it broke"? What happens now when  
you  
>> >>>click a link?  
>> >>>  
>> >>>Cheers  
>> >>>Ken  
>> >>>  
>> >>>  
>> >>>"Steve Cox" <anonymous@discussions.microsoft.com>  
wrote  
>> >>>in message  
>> >>>news:28d4b01c46538\$0a2d6e60\$a601280a@phx.gbl...  
>> >>>: I need to understand if I can launch a desktop  
>> >>>installed  
>> >>>: application from a webpage hosted on IIS 6.0? I  
have  
>> >>>this  
>> >>>: working on IIS 5.0, however it broke after  
upgrading.  
>> >>>In  
>> >>>: IIS 5.0 it was simple, just by adding a file  
>> >>>association  
>> >>>: on the desktop the web link just fires off the  
local  
>> >>>: application. It simplifies the use by plant floor  
>> >>>: operators that use of our applications.  
>> >>>:  
>> >>>: Any assistance is appreciated.  
>> >>>:  
>> >>>: Thanks,  
>> >>>:  
>> >>>: Steve Cox  
>> >>>:  
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>> >>>.  
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>> >>.  
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>> >.  
>> >  
>  
>

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> .  
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