

## Re: IIS6 caching

**Source:**

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.iis/2004-10/1007.html>

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**From:** M. M. Rafferty (*mmr\_at\_vistagrande.com*)

**Date:** 10/12/04

Date: Tue, 12 Oct 2004 15:17:38 -0700

Thanks for the follow up.

Yes, all the files are on a local drive. And no, there is no other script mapping being done for HTM files. The site where this problem was observed is busy enough that the pages could be having multiple hits within a 10 second period.

As a result of additional searches I found KB article 832139 which seemed to match the situation since we do have an IP and host header configuration for that site. I contacted support for the hotfix which seems to have cured the problem.

By the way, is there any ETA on SP for Windows 2003?

"David Wang [Msft]" <someone@online.microsoft.com> wrote in message news:ewy8ypAsEHA.1992@TK2MSFTNGP09.phx.gbl...

- > *Is the HTM file located on a partition that supports file change*
- > *notification. i.e. is it on a hard drive in the machine itself or some*
- > *network-attached storage device.*
- >
- > *On the server side, IIS6 will cache static files in kernel mode response*
- > *cache (if you request it 3 times within 10 seconds). These entries are*
- > *invalidated after either 120 seconds of non-access (configurable), cache*
- > *is*
- > *full, w3wp is recycled, or triggered eviction (file change notification*
- > *controls this).*
- >
- > *Please verify that you did not scriptmap .htm extension to some ISAPI*
- > *which*
- > *is implementing some other invalidation policy -- so that we are certain*
- > *that it is only Static File invalidation logic that is under discussion.*
- >
- > *Please also verify that these "Stale" hits all show up in PerfMon as*
- > *kernel-mode cache hits (select Web Service Cache\Kernel: URI Cache*
- > *Hits/Misses). Cache hits obviously still show up in the log files -- I*
- > *need*
- > *help from you to show whether the request was a kernel-mode cache hit or*

> generated by IIS in user mode.  
>  
> There are a couple of caching-related bugs that will be released with  
> WS03SP1. I do not know if any of them apply to your situation nor are  
> they  
> packaged for QFE (so that you can ask for them by QFE#). Contacting PSS  
> is  
> the only sure way to figure that out.  
>  
> The reason why we do not immediately publish patches for all bugs fixed is  
> support. Fixing and immediately publishing a mere 10 bugs will create 1024  
> different variations to support. You will notice the QFE releases are all  
> on  
> a "as-needed" basis to fix specific issues -- it is not thoroughly  
> regressed  
> until released in the encompassing SP.  
>  
> --  
> //David  
> IIS  
> This posting is provided "AS IS" with no warranties, and confers no  
> rights.  
> //  
> "M. M. Rafferty" <mmr@vistagrande.com> wrote in message  
> news:%23fd5q3yrEHA.644@tk2msftngp13.phx.gbl...  
> No. IIS compression was not enabled.  
>  
>  
> "Egbert Nierop (MVP for IIS)" <egbert\_nierop@nospam.invalid> wrote in  
> message news:ObkeCXwrEHA.4032@TK2MSFTNGP12.phx.gbl...  
>> "M. M. Rafferty" <mmr@vistagrande.com> wrote in message  
>> news:eGqEd%23urEHA.3288@TK2MSFTNGP12.phx.gbl...  
>>> The pages in question were plain HTML -- static pages with a ".htm"  
>>> extension.  
>>>  
>>> The problem with observed with Mozilla on my workstation as well as IE  
>>> on  
>>> the server -- neither one of which had ever been used to view the site  
>>> previously. The caching was not in the browser. There was no proxy  
>>> server  
>>> involved. IIS 6 was serving stale content.  
>>  
>> Did you enable compression?  
>>  
>> <http://support.microsoft.com/?id=319384>  
>>  
>> --  
>> compatible web farm Session replacement for Asp and Asp.Net  
>> [http://www.nieropwebconsult.nl/asp\\_session\\_manager.htm](http://www.nieropwebconsult.nl/asp_session_manager.htm)  
>>  
>>>

microsoft.public.inetserver.iis: Re: IIS6 caching

>> > *"Egbert Nierop (MVP for IIS)" <egbert\_nierop@nospam.invalid> wrote in*  
>> > *message news:%23UObRcqrEHA.868@TK2MSFTNGP10.phx.gbl...*  
>> >> *"M. M. Rafferty" <mmr@vistagrande.com> wrote in message*  
>> >> *news:O90mZXkrEHA.2000@tk2msftngp13.phx.gbl...*  
>> >> > *We've run into a situation with Windows 2003 Web server edition*  
>> >> > *where*  
>> > *IIS*  
>> >> > *6*  
>> >> > *caching and continuing to server old content after the source files*  
> *has*  
>> >> > *been*  
>> >> > *edited.*  
>> >> >  
>> >> > *Initially the hosting client contacted us and it appeared to be a*  
>> > *caching*  
>> >> > *issue on there end. There was no indication in the webserver log*  
> *that*  
>> >> > *there*  
>> >> > *had been a recent request from their IP for the involved pages. I*  
> *was*  
>> >> > *able*  
>> >> > *to bring up the pages and see the changed content. We decided it*  
>> >> > *was*  
>> >> > *simply*  
>> >> > *a client site or proxy caching issue.*  
>> >> >  
>> >> > *Today, we received a second frantic call. They were still having*  
>> > *problems*  
>> >> > *with the caching and needed to have certain changes completed (legal*  
>> >> > *requirements.) No matter what they did, they were not seeing the*  
>> >> > *revisions*  
>> >> > *which had been uploaded with the built-in IIS 6 FTP service. They*  
> *had*  
>> > *a*  
>> >> > *couple additional one line changes that needed to be made, and I*  
>> >> > *used*  
>> >> > *notepad to edit their HTM file on the server. I had no trouble*  
>> > *initially*  
>> >> > *seeing the change. But it wasn't quite right and when I went back*  
>> >> > *to*  
>> >> > *change*  
>> >> > *the file a second time, the changes just would not appear. I went*  
>> > *through*  
>> >> > *the drill of clearing the browser cache. No change. I tried a*  
>> > *different*  
>> >> > *browser and still no change. Tried from the web server itself and*  
>> >> > *it*  
>> > *was*  
>> >> > *also showing the old version. And in these cases, the web server*  
> *logs*  
>> >> > *were*

>> >> > *showing the hits. I finally gave up and recycled their application.*  
>> >>  
>> >> > *Why is IIS not getting the message that the pages have changed?*  
> *There*  
>> > *is*  
>> >> > *no*  
>> >> > *third party application to blame. Just NotePad and IIS/FTP being*  
> *used.*  
>> >> > *It*  
>> >> > *is not acceptable to have require the administrator to recycle the*  
>> >> > *application in order to get the latest changes by one of the hosting*  
>> >> > *clients' web developers to be served.*  
>> >> >  
>> >> > *Is this a known issue with IIS 6? If so, is there a patch to*  
>> >> > *correct*  
>> > *it?*  
>> >>  
>> >> *What do they upload? Static HTML or aspx pages? In the last case, ALSO*  
>> >> *the*  
>> >> *bin directory needs to be uploaded with a new assembly.*  
>> >> *In addition, your client is using IE to test it? Because depending on*  
> *the*  
>> >> *client type it might ask IIS to send an creation timestamp where the*  
> *next*  
>> >> *time, IIS might indicate that the content has not changed. If that is*  
> *the*  
>> >> *case, you should modify code to include a timestamp based on the*  
> *assembly*  
>> >> *Response.Cache... start here...*  
>> >>  
>> >> >  
>> >> > *Thanks,*  
>> >> > *Mary Rafferty.*  
>> >> >  
>> >> >  
>> >>  
>> >  
>> >  
>>  
>  
>  
>