

Re: Internet FTP Access to 2nd FTP site issue on Windows 2003 DC

Source:

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.iis.ftp/2005-11/msg00072.html>

- *From:* "Alun Jones" <alun@xxxxxxxxxxxxxxx>
 - *Date:* Mon, 28 Nov 2005 20:00:16 -0800
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Jeff Cochran wrote:

> On Sun, 20 Nov 2005 15:35:01 -0800, "DickySA1"
> <DickySA1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:
>
>> I have two FTP sites running on the same Windows 2003 Server Domain
>> Controller. I'm having problems accessing one of the sites from the
>> Internet but successfully able to access both sites via the intranet
>> computers.
>>
>> <ftp://SITE1> (<ftp://mywebsite.com>) with default port 21 assigned – works
>> fine via both Internet and Intranet.
>>
>> <ftp://SITE2:5005> (<ftp://mywebsite.com:5005>) works on the Intranet but
>> when accessing over the Internet an error message is displayed relating
>> to
>> location not available/not found....
>
> Do site1 and site2 resolve to the same IP address? Using passive or
> active FTP?

This has all the flavour of being a NAT issue. NAT routers – Network Address Translators – take the traffic on the FTP channel, which often includes IP addresses and port numbers, and translates internal values into external values, sometimes opening a pinhole in the firewall for that connection.

Note that I said "on the FTP channel" – how does the NAT router know that you're using FTP on port 5005? It doesn't – you could just as easily be using HTTP, or telnet, or any of a number of other protocols. It recognises port 21 (the default FTP port) as appropriate for performing FTP NAT operations, but unless it's a fancy NAT device with the ability to be told "5005 is also for FTP traffic", you will not be able to get the NAT to accept FTP traffic on any port other than 21 without a lot of bother.

Alun.

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[Please don't email posters, if a Usenet response is appropriate.]

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