

Re: FTP Client and IPFilter

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/newbies/2005-02/0138.html>

From: Kevin Kinsey (*kdk_at_daleco.biz*)

Date: 02/20/05

Date: Sat, 19 Feb 2005 20:58:03 -0600

To: crzdgns1@starpower.net

crzdgns1@starpower.net wrote:

>Hello,

>

>This ia a slightly longer post and I am not sure if it belongs

>here or in freebsd-questions. If it belongs in

>freebsd-questions, please let me know and I will post it

>there. Now then...

>

>

This list charter is at:

<http://lists.freebsd.org/mailman/listinfo/freebsd-newbies>

>I think I am beginning to accept the fact that I can't read,

>so I'll just state that condition from the beginning. I have

>installed FreeBSD-5.3-RELEASE and use IPFilter as my firewall.

>

>I have only one machine, with a cable modem connection to the

>internet. I have been following the directions in the

>Handbook, or so I thought, until yesterday. Yesterday I

>posted a message here titled something like "Which FTP do I

>have?" and received many helpful replies. Thank you! My FTP

>client still doesn't work and the reason it doesn't work is, I

>believe, I didn't follow the directions, which I discovered

>upon further reading of the handbook last night.

>

>My questions for today are mostly for clarification of what is

>written in the handbook, starting at section 24.5.18, Enabling

>IPNAT. I do not currently have IPNAT enabled. Given that I

>am a homeuser with only one machine, must I have IPNAT enabled

>for FTP to work properly? The ipf.rules in the handbook seem

>to indicate so, but I would appreciate confirmation.

>

>

I wouldn't think so. No network, no `_N_etwork_A_ddress`
`_T_ranslation` should be necessary.

Keep in mind (although it's maybe a big assumption on my part), that in that particular example the machine is serving as a gateway...

> <>
> *Secondly, the first rule in section 24.5.18 enables the
> computer as a gateway. I was under the impression that it is
> wisest not to use this rule unless you genuinely intend to use
> the machine in question as a gateway. Am I correct? If so,
> can I leave the first rule out and just include the second and
> third rules and still expect the IPNAT FTP proxy to function?*
>
> *Thirdly, I am trying to follow the directions, believe it or
> not. Assume for the moment that I use all three rules listed
> in 24.5.18 of the handbook. Since I have only one computer,
> can I then skip directly to section 24.5.21.1, IPNAT Rules,
> add the three rules there, and then have a reasonable
> expectation that FTP will work properly from behind my
> firewall? Again, I am using the ipf.rules listed in the handbook.*
>
> *Thanks,*
>
> *Mark*

I had a rather lengthy interspered reply, then I realized that because I had a bad encounter with someone today, I was writing as if I would take it out on you. That would be wrong, although it's occasionally seen on the lists.

I'd suggest you send a detailed mail to questions@ at with your ruleset and a description of what's happening (e.g., I did this, *this*, and then **this**, and `_this_`, `__this__`, and then `___this___` happened, but my result differed from what I expected in `{ {this way} }`)

Does FTP work properly without your firewall? Have you attempted to turn passive mode off during the FTP session? That's a rather common reason that FTP clients have trouble with firewalls, and AFAIK it's mentioned in that same chapter....

Kevin Kinsey

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