

## Re: Problem with VPN's on ISA Server 2004 SP1

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- *From:* "Jean" <hjean40@xxxxxxxxxxxx>
  - *Date:* Tue, 24 May 2005 15:26:42 -0400
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I had the same problem with Windows SP1. You should remove it.

Jean

"Stefan Cuypers" <stefan.cuypers@xxxxxxxxxxxxxxxx> wrote in message [news:euHJIQyXFHA.2996@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:euHJIQyXFHA.2996@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

> I've been spitting through network monitor trace files this weekend to try  
> to locate this problem and the root cause seems to be in my Internet  
> connection. While uploading full size packets to the Internet, the number  
> of packets that get dropped is quite high, causing the TCP connections to  
> time out.

> I still wonder why this was not happening before all the SP1 upgrades  
> though. I guess some change (or optimisation?) in the TCP handling now  
> brings out the problem.

> I'll look further into this with my Internet provider.

>

> regards,

> Stefan Cuypers

>

>

> "Stefan Cuypers" <stefan.cuypers@xxxxxxxxxxxxxxxx> wrote in message  
> [news:%237yniKfXFHA.3716@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%237yniKfXFHA.3716@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

>> I've done a number of upgrades on our network and ever since I'm having  
>> problems sending large amounts of data over VPN connections. This shows  
>> best when doing a file copy over the VPN connection. Before the upgrades  
>> this went fine. After the upgrades we get a Semaphore Timeout Error  
>> during the copy. We also get occasional problems trying to connect via  
>> terminal services over the VPN's.

>> I think the problem is in ISA Server 2004 SP1 (which is handling the  
>> VPN's). Anybody else seen this behaviour and have a solution for it?

>>

>> Here's some history:

>> – installed Windows Server 2003 SP1 on an internal test server

>> – we noticed problems when we connect from the test server over a VPN

>> connection towards a Win2003 Server for server management. We then

>> installed ISA Server 2004 SP1, which seemed to solve this problem

>> – at about the same time we and a number of our customers started to have

>> all kinds of problems communicating to machines over VPN. We tracked this

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>> down and installed hotfix 898060 on our servers (not yet on our ISA  
>> Server), which solved these problems  
>> – then we noticed the copy problem mentioned above, which occurred from  
>> our workstations and servers  
>> – we then installed Windows Server 2003 SP1 on the ISA Server box and  
>> applied hotfix 898060, but the problem stayed exactly the same  
>>  
>> Doing a network monitor trace the problem seems to be a network packet  
>> that never gets to the destination. All traffic runs well (with now and  
>> then a packet loss causing a retry) up to a certain point where an IP  
>> packet does not arrive at the destination, although it is retried 5 times  
>> before giving up.  
>>  
>> We've then done the following tests:  
>> – connect a PC directly to the Internet, bypassing ISA Server: things  
>> work fine  
>> – test at a customer's site between 2 machines that have an ISA Server  
>> 2000 between them: things work fine  
>> – the same machines that work fine in the scenarios above fail though  
>> when we run it over the ISA Server 2004 SP1 (we tested L2TP, PPTP VPN's  
>> and IPSec tunnelling connections, all have the same problem)  
>>  
>> Any help would be greatly appreciated.  
>>  
>> regards,  
>> Stefan Cuypers  
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• **References:**

- ◆ **[Problem with VPN's on ISA Server 2004 SP1](#)**  
    ◇ From: Stefan Cuypers
- ◆ **[Re: Problem with VPN's on ISA Server 2004 SP1](#)**  
    ◇ From: Stefan Cuypers

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