

Re: Load balancing problem in w2k3

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.terminal_services/2005-09/msg00564.html

- *From:* Asperitas <Asperitas@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 23 Sep 2005 00:47:04 -0700
-

We are already running one, and it would be troublesome to use another, if the load is balanced, everything's fine for me. I don't need all those extra supports (we won't use them anyway).

I will try Benny's solution out, I hope it works. Thanks for the reply!

"Cláudio Rodrigues" wrote:

- > Or WTSGateway Pro, by far a better option than Microsoft NLB and the ONLY
- > resource based load balancer for Terminal Services. Now coming with
- > SSL/HTTPS support, hopefully next week. :-)
- >
- > --
- >
- > Cláudio Rodrigues
- >
- > Microsoft MVP
- > Windows Server – Terminal Services
- > <http://www.terminal-services.NET>, a 2X Company.
- > <http://www.2x.com>
- > "Benny Tritsch" <bt@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
- > news:O173fy0vFHA.1256@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- >> I guess you are using NLBS (Network Load Balancing Services) for you TS
- >> load
- >> balancing. The configuration of NLBS can be done by the Network Load
- >> Balancing Manager, which is found under the Start | Administrative Tools
- >> menu group and is used to establish and enable a Network Load Balancing
- >> Service (NLBS) cluster. If the configuration is to be done without the
- >> Network Load Balancing Manager, the properties of the Internet protocol
- >> (TCP/IP) are modified manually for the network adapter of each terminal
- >> server under Start | Control Panel | Network connections | LAN
- >> connections.
- >> Additionally, the Network Load Balancing Service for the network adapter
- >> must be enabled and properly configured. This must include the cluster
- >> parameters such as virtual IP address, subnet mask, Internet name, host
- >> parameters, and port rules.
- >>
- >> The port rules in a Network Load Balancing Service cluster determine

Re: Load balancing problem in w2k3

>> values
>> for affinity and load weight within the filtering mode. Using the Single
>> or
>> Class C affinity options for multiple hosts, you can determine a rule
>> requiring multiple requests of a particular client IP address to be always
>> redirected to the same server in a cluster. Obviously, this makes sense
>> for
>> Web servers, but is not very useful for terminal servers. With terminal
>> servers, the None option with regard to affinity should be used to select
>> the server experiencing the lightest load. I guess that you didn't change
>> the default value of the affinity from Single to None, which explains the
>> behaviour you describe.
>>
>> IMPORTANT: Load with respect to NLBS means load of the network adapter and
>> NOT the number of users logged in or CPU load! If you have two servers
>> with
>> different network adapters, the one with the fastest network adapter will
>> get all the users. NLBS was not specifically designed for terminal
>> servers.
>> If you want your load balancer to be aware of numbers of users, you need
>> to
>> buy additional products, such as Citrix Presentation Server.
>>
>> Hope this helps.
>>
>> Benny
>>
>> --
>> Dr. Bernhard Tritsch, WTSTEK.COM
>> Author of "Windows Server 2003 Terminal Services", Microsoft Press
>> Microsoft MVP Windows Server – Terminal Server
>>
>> "Asperitas" <Asperitas@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> news:79710466-518A-43C0-8122-ECA66D4DB4C2@xxxxxxxxxxxxxxxxxxxx
>>> Hello, I've got a question about some load balancing problems.
>>>
>>> SITUATION:
>>> At my work we use load balancing with two terminal servers, however I
>> think
>>> there's something wrong with it. When someone logs in for the very first
>>> time, it will be send to either ts1 or ts2 (depends on the loads,
>> ofcourse).
>>> But from now on this person is stuck on that server, when she logs in
>> again
>>> she will also be sent to the terminal server she logged in at at the
>>> first
>>> time. When I turn that terminal server off (with every user offline), and
>> she
>>> wants to log in again, she will get errors in stead of being redirected
>>> to
>>> the other terminal server. You can forcefully let her log in on the other

Re: Load balancing problem in w2k3

>> ts,
>>> but when she logs out again, it will always try to log her in at her
>> original
>>> terminal server.
>>>
>>> QUESTION:
>>> Now here is my question: how can I make load balancing actually load
>>> balances, at that moment (so if there are 12 users in TS1, and 10 in TS1,
>> the
>>> next user will log in at TS1, no matter on which TS he/she logged in at
>>> at
>>> first.
>>> Yesterday I did that chat session with microsoft and I got the answer to
>>> look here, and he also said: "It might be a problem with the NLB setup".
>> But
>>> I don't have an idea what that is (something with Load Balancing I guess)
>>
>>
>
>
>
.

• **References:**

- ◆ **Re: Load balancing problem in w2k3**

- ◇ From: Cláudio Rodrigues

- Prev by Date: **Re: Event ID 1219 logging into terminal server**
- Next by Date: **Re: 1920x1200 resolution?**
- Previous by thread: **Re: Load balancing problem in w2k3**
- Next by thread: **The terminal server has exceeded ...**
- Index(es):
 - ◆ **Date**
 - ◆ **Thread**