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Subject: Re: too many of orphaned sockets

Posted by [hvdkamer](#) on Wed, 30 Aug 2006 13:47:29 GMT

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Well, despite which kernel, I think your explanation is still the right one. Because now I know that it is a 1/4 of the barrier, I did manage to squeeze the maximum out of a very minimal VE .

First parameter I forgot is tuning the TCP sockets of the proxy Lighttpd server. It uses two for every request. One from him to the visitor and one to the correct, internal miniserver. That one could go to 32 simultaneous connections, so I scaled the first to 64 (it was 48).

My next assumption was that probably every concurrent connection in the Apache benchmark could give an orphaned connection. That explains probably why with -c 10 it goes most of the time alright and with 12 the 1/4 of 48 is reached. And indeed I found out that every increase in the -c parameter must raise the barrier of the proxy VE. With that I could go as high as -c 28 (because that raised the maxheld to 31 ) if I set it to 112:64. That one is illegal according to vzcfgvalidate, but you can still set it.

So the only question remaining is why 1/4? The above experiment suggests 1/2. Anyway, I now know what the warning is about and that it is nothing more than that. Thanks for the explanation. It would be great if more of this knowledge is summarized somewhere in the wiki. I saw something about memory, but not this kind of stuff. Maybe I must start the page myself .

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