
Subject: Re: [PATCH] Consolidate udp hash calculations

Posted by [xemul](#) on Mon, 07 May 2007 07:02:36 GMT

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David Miller wrote:

> From: Pavel Emelianov <xemul@sw.ru>

> Date: Fri, 04 May 2007 18:51:36 +0400

>

>> Make access to udphash/udplitehash symmetrical to inet hashes.

>>

>> This may also help network namespaces, since they tend to use

>> one hash for different namespaces by selecting the hash chain

>> depending on a hash value and the namespace.

>>

>> Signed-off-by: Pavel Emelianov <xemul@openvz.org>

>

> This is not the "UDP Hash Function", it is a mask to bring

> the hash value modulo of the hash table size.

>

> So your function name is misleading and makes the code

> even worse.

>

> I'm also not so sure this cleanup really adds any clarity,

> even with a proper function name.

The same is applicable to inet_lhashfn and inet_bhashfn, but they are called hashfn-s and do exist in kernel. This hashfn will make things look similar.

> I can only assume you wish to do something with the UDP hash table

> sizes, and therefore only want to have a need to touch one function.

You are right, I have told that this must help network namespaces, by making the hash differ depending on the namespace passed.
