
Subject: Re: [patch 0/1][NETNS49] Make af_unix autobind per namespace
Posted by [ebiederm](#) on Wed, 03 Oct 2007 14:36:53 GMT

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Cedric Le Goater <clg@fr.ibm.com> writes:

> my 2 cnts,

>

> when 'restarting' a socket bound to an abstract name, we will have

> a EADDRINUSE if we try to rebind it to an abstract name which is

> already in use by a socket in a another namespace ?

No.

> it seems to me that this is an identifier and like any identifier

> it should be private to the namespace, which probably means having

> `unix_abstract_socket_table[]` per net namespace.

Yes it is. It is a hash table so we are filter the hash chain and not having two copies of the table. But effectively it's the same thing.

All this patch was suggesting was having a per network namespace copy of the data structure for the random number generator for generating the name.

The ``random number generator'' is just a 16bit counter that loops through all 64k values seeing if a name is available and if so using it. Sharing our place in the loop between different namespaces may be ineffeicient but it should work fine.

Eric

Containers mailing list

Containers@lists.linux-foundation.org

<https://lists.linux-foundation.org/mailman/listinfo/containers>
