Subject: Re: [patch 0/1][NETNS49] Make af_unix autobind per namespace
Posted by Cedric Le Goater on Wed, 03 Oct 2007 15:34:10 GMT
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Eric W. Biederman wrote:
> 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 abtract name which is
>> already in use by a socket in a another namespace ?
>
> No.

ok. i just went over your AF_UNIX patch and saw that 'struct net' was
being checked for abstract sockets.

C.

>> 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

_____
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