Subject: [PATCH net-2.6.25 0/10] Make fragments live in net namespaces
Posted by Pavel Emelianov on Tue, 22 Jan 2008 13:52:36 GMT
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The overall design I propose is to keep the hash table
global and tag inet_frag_queue with the net. Since the
fragments hash is going to be re-sizable, this is OK to
keep fragments from different namespace in one hash.

To speedup the evicting process LRU list is made per
namespace.

As far as the CTL-tuned variables are concerned, the
timeout and thresholds are made per namespace, since
they have the per namespace sense, but the secret rebuild
interval is read-only in sub-namespaces.

Since fragment management code is consolidated for ipv4
and ipv6 I make them all in one go. The conntrack_reasm
netns-ization is not done - we have to make at least the
core netfilter per namespace first, but this reasm code
is patched to keep working in the initial namespace.

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