Subject: [PATCH 0/4] user namespaces: introduction
Posted by serue on Mon, 28 Jan 2008 19:08:28 GMT
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Here is a small patchset I've been sitting on for awhile
to make signaling mostly subject to user namespaces. In
particular,

1. store user_namespace in user struct
2. introduce CAP_NS_OVERRIDE
3. require CAP_NS_OVERRIDE to signal another user namespace

The first step should have been done all along. Else wouldn't
a hash collision on (ns1, uid) and (ns2, uid), however unlikely,
give us wrong results at uid_hash_find()?

The main remaining signaling+userns issue is of course the
siginfo. Tacking a userns onto siginfo is a pain due to
lifetime mgmt issues. I haven't decided whether to just
catch all the callers and fake uid=0 if user namespaces
aren't the same, introduce some unique non-refcounted id to
represent (user,user_ns), or find some other way to deal with
it.

thanks,
-serge

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