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Subject: [PATCH 0/9] Core pid namespace enhancements

Posted by [ebiederm](#) on Wed, 12 Dec 2007 12:38:11 GMT

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The following patchset updates the pid namespace infrastructure so we don't constantly have to worry if we have been called before or after `exit_task_namespaces`, by using the `pid_namespace` obtained from a processes pid, handles the general case of setting `si_pid` in `struct sig_info`, changes where we drop signals sent to `init`, and enhances that changes to also work with the per namespace `init`.

Thus resolving most of the big gotchas with the current pid namespace implementation.

Eric

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Containers mailing list

[Containers@lists.linux-foundation.org](mailto:Containers@lists.linux-foundation.org)

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

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Subject: Re: [PATCH 0/9] Core pid namespace enhancements

Posted by [Sukadev Bhattiprolu](#) on Tue, 18 Dec 2007 00:52:41 GMT

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Eric W. Biederman [[ebiederm@xmission.com](mailto:ebiederm@xmission.com)] wrote:

|  
| The following patchset updates the pid namespace infrastructure  
| so we don't constantly have to worry if we have been called  
| before or after `exit_task_namespaces`, by using the `pid_namespace`  
| obtained from a processes pid, handles the general case of setting  
| `si_pid` in `struct sig_info`, changes where we drop signals sent to `init`,  
| and enhances that changes to also work with the per namespace `init`.

|  
| Thus resolving most of the big gotchas with the current pid namespace  
| implementation.

| Eric

The patchset looks good to me. My only testcase from the previous set that broke was the case that Oleg pointed out

- container-init sets a handler for SIGUSR1
- container-init blocks SIGUSR1
- a descendant of container-init posts SIGUSR1 to container-init
- container-init sets SIGUSR1 to SIG\_DFL and unblocks and takes the fatal signal.

While that discussion can continue...

<Acked-by>: Sukadev Bhattiprolu <sukadev@us.ibm.com>

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