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Subject: Re: [PATCH][IPVS] Fix sched registration race when checking for name collision

Posted by [davem](#) on Tue, 04 Dec 2007 08:45:25 GMT

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From: Simon Horman <[horms@verge.net.au](mailto:horms@verge.net.au)>

Date: Tue, 4 Dec 2007 10:41:43 +0900

> On Mon, Dec 03, 2007 at 01:10:57PM +0300, Pavel Emelyanov wrote:

> > The register\_ip\_vs\_scheduler() checks for the scheduler with the

> > same name under the read-locked \_\_ip\_vs\_sched\_lock, then drops,

> > takes it for writing and puts the scheduler in list.

> >

> > This is racy, since we can have a race window between the lock

> > being re-locked for writing.

> >

> > The fix is to search the scheduler with the given name right under

> > the write-locked \_\_ip\_vs\_sched\_lock.

>

> This looks correct to me.

>

> > Signed-off-by: Pavel Emelyanov <[xemul@openvz.org](mailto:xemul@openvz.org)>

>

> Acked-by: Simon Horman <[horms@verge.net.au](mailto:horms@verge.net.au)>

Also applied, thanks a lot.

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