Subject: Re: [RFC][PATCH 2/7] RSS controller core
Posted by Herbert Poetzl on Mon, 12 Mar 2007 23:43:35 GMT

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On Mon, Mar 12, 2007 at 03:25:07PM +0530, Balbir Singh wrote:
> > doesn't look so good for me, mainly becaus of the
> > additional per page data and per page processing
> >
> > on 4GB memory, with 100 guests, 50% shared for each
> > guest, this basically means ~1mio pages, 500k shared
> > and 1500k x sizeof(page_container) entries, which
> > roughly boils down to ~25MB of wasted memory ...
> >
> > increase the amount of shared pages and it starts
> > getting worse, but maybe I'm missing something here
> >
> > > We need to decide whether we want to do per-container memory
> > > limitation via these data structures, or whether we do it via
> > > a physical scan of some software zone, possibly based on Mel's
> > > patches.
> >
> > why not do simple page accounting (as done currently
> > in Linux) and use that for the limits, without
> > keeping the reference from container to page?
> >
> > best,
> > Herbert
> >
>
> Herbert,
>
> You lost me in the cc list and I almost missed this part of the
> thread.

hmm, it is very unlikely that this would happen,
for several reasons ... and indeed, checking the
thread in my mailbox shows that akpm dropped you ...

Subject: [RFC][PATCH 2/7] RSS controller core
From: Pavel Emelianov <xemul@sw.ru>
To: Andrew Morton <akpm@osdl.org>, Paul Menage <menage@google.com>,
    Srivatsa Vaddagiri <vatsa@in.ibm.com>,
    Balbir Singh <balbir@in.ibm.com>
Cc: containers@lists.osdl.org,
    Linux Kernel Mailing List <linux-kernel@vger.kernel.org>
Date: Tue, 06 Mar 2007 17:55:29 +0300

Subject: Re: [RFC][PATCH 2/7] RSS controller core
From: Andrew Morton <akpm@linux-foundation.org>
To: Pavel Emelianov <xemul@sw.ru>
Cc: Kirill@smtp.osdl.org, Linux@smtp.osdl.org, containers@lists.osdl.org,
    Paul Menage <menage@google.com>,
    List <linux-kernel@vger.kernel.org>
Date: Tue, 6 Mar 2007 14:00:36 -0800
----
that's the one I 'group' replied to ...

> Could you please not modify the "cc" list.

I never modify the cc unless explicitely asked
to do so. I wish others would have it that way
too :)

best,
Herbert

> Thanks,
> Balbir
> _____
> Containers mailing list
> Containers@lists.osdl.org
> https://lists.osdl.org/mailman/listinfo/containers

_____
Containers mailing list
Containers@lists.osdl.org
https://lists.osdl.org/mailman/listinfo/containers