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Subject: Re: [RFC][PATCH 0/7] Resource controllers based on process containers  
Posted by [dev](#) on Wed, 07 Mar 2007 09:30:34 GMT  
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Pavel Emelianov wrote:

> Balbir Singh wrote:

>

>>Pavel Emelianov wrote:

>>

>>>This patchset adds RSS, accounting and control and  
>>>limiting the number of tasks and files within container.

>>>

>>>Based on top of Paul Menage's container subsystem v7

>>>

>>>RSS controller includes per-container RSS accounter,  
>>>reclamation and OOM killer. It behaves like standalone  
>>>machine - when container runs out of resources it tries  
>>>to reclaim some pages and if it doesn't succeed in it  
>>>kills some task which mm\_struct belongs to container in  
>>>question.

>>>

>>>Num tasks and files containers are very simple and  
>>>self-descriptive from code.

>>>

>>>As discussed before when a task moves from one container  
>>>to another no resources follow it - they keep holding the  
>>>container they were allocated in.

>>>

>>

>>I have one problem with the patchset, I cannot compile  
>>the patches individually and some of the code is hard  
>>to read as it depends on functions from future patches.  
>>Patch 2, 3 and 4 fail to compile without patch 5 applied.

>>

>>Patch 1 failed to apply with a reject in kernel/Makefile  
>>I applied it on top of 2.6.20 with all of Paul Menage's  
>>patches (all 7).

maybe Paul's patch should be taken w/o subsystems examples  
(CKRM, UBC), i.e. first 3 patches only?

Kirill

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