
Subject: Re: [PATCH 7/8] Scanner changes needed to implement per-container scanner

Posted by [Pavel Emelianov](#) on Fri, 01 Jun 2007 07:36:09 GMT

[View Forum Message](#) <> [Reply to Message](#)

Balbir Singh wrote:

> Andrew Morton wrote:

>>> + nr_reclaimed += shrink_zones(priority, zones, sc);

>>> + if (sc->cnt == NULL)

>>> + shrink_slab(sc->nr_scanned, gfp_mask, lru_pages);

>> We don't we shrink slab if called to shrink a container.

>>

>> This is a fundamental design decision, and a design shortcoming. A full

>> discussion of this is absolutely appropriate to the patch changelog.

>> Please don't just hide stuff like this in the patch and leave people

>> wondering, or ignorant.

>

> Yes, we don't because we do not account for slab usage right now. We account

> only for memory allocated to user space. A good fat comment will help here.

>

>

I have already added the comment. But the problem is not in that we do not account for kernel memory. Shrinking slabs won't unmap any pages from user-space and thus won't help user to charge more. This will only make kernel suffer from re-creation of objects.

Thanks,
Pavel.
