
Subject: [PATCH v4 04/25] Wipe out CFLGS_OFF_SLAB from flags during initial slab creation

Posted by [Glauber Costa](#) on Mon, 18 Jun 2012 10:27:57 GMT

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CFLGS_OFF_SLAB is not a valid flag to be passed to cache creation.

If we are duplicating a cache - support added in a future patch - we will rely on the flags it has stored in itself. That may include CFLGS_OFF_SLAB.

So it is better to clean this flag at cache creation.

CC: Christoph Lameter <cl@linux.com>

CC: Pekka Enberg <penberg@cs.helsinki.fi>

CC: David Rientjes <rientjes@google.com>

mm/slab.c | 6 ++++++

1 file changed, 6 insertions(+)

diff --git a/mm/slab.c b/mm/slab.c

index 2d5fe28..c30a61c 100644

--- a/mm/slab.c

+++ b/mm/slab.c

@@ -2201,6 +2201,12 @@ int __kmem_cache_create(struct kmem_cache *cachep)

BUG_ON(flags & SLAB_POISON);

#endif

/*

+ * Passing this flag at creation time is invalid, but if we're

+ * duplicating a slab, it may happen.

+ */

+ flags &= ~CFLGS_OFF_SLAB;

+

+ /*

+ * Always checks flags, a caller might be expecting debug support which

+ * isn't available.

+ */

--

1.7.10.2
