
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.

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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
