
Subject: [PATCH 2/3] memcg: put a restriction on writing memory.force_empty
Posted by [Li Zefan](#) on Tue, 11 Mar 2008 10:08:54 GMT
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We can write whatever to memory.force_empty:

```
echo 999 > memory.force_empty
echo wow > memory.force_empty
```

This is odd, so let's make '1' to be the only valid value.

Signed-off-by: Li Zefan <lizf@cn.fujitsu.com>

```
---
mm/memcontrol.c | 21 ++++++++-----
1 files changed, 12 insertions(+), 9 deletions(-)

diff --git a/mm/memcontrol.c b/mm/memcontrol.c
index eb681a6..6145031 100644
--- a/mm/memcontrol.c
+++ b/mm/memcontrol.c
@@ -868,15 +868,18 @@ static ssize_t mem_cgroup_write(struct cgroup *cont, struct cftype *cft,
    mem_cgroup_write_strategy);
 }

-static ssize_t mem_force_empty_write(struct cgroup *cont,
-    struct cftype *cft, struct file *file,
-    const char __user *userbuf,
-    size_t nbytes, loff_t *ppos)
+static int mem_force_empty_write(struct cgroup *cont, struct cftype *cft,
+    u64 val)
 {
-    struct mem_cgroup *mem = mem_cgroup_from_cont(cont);
-    int ret = mem_cgroup_force_empty(mem);
-    if (!ret)
-        ret = nbytes;
+    struct mem_cgroup *mem;
+    int ret;
+
+    if (val != 1)
+        return -EINVAL;
+
+    mem = mem_cgroup_from_cont(cont);
+    ret = mem_cgroup_force_empty(mem);
+
     return ret;
 }

@@ -935,7 +938,7 @@ static struct cftype mem_cgroup_files[] = {
```

```
},  
{  
    .name = "force_empty",  
-   .write = mem_force_empty_write,  
+   .write_u64 = mem_force_empty_write,  
},  
{  
    .name = "stat",  
--  
1.5.4.rc3
```

Containers mailing list
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