
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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