
Subject: [PATCH 3/5] account guest time per-cgroup as well.
Posted by [Glauber Costa](#) on Thu, 02 Feb 2012 14:19:30 GMT
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We already track multiple tick statistics per-cgroup, using the task_group_account_field facility. This patch accounts guest_time in that manner as well.

Signed-off-by: Glauber Costa <glommer@parallels.com>

kernel/sched/core.c | 10 ++++-----
1 files changed, 4 insertions(+), 6 deletions(-)

diff --git a/kernel/sched/core.c b/kernel/sched/core.c

index fe35316..91ea913 100644

--- a/kernel/sched/core.c

+++ b/kernel/sched/core.c

@@ -2734,8 +2734,6 @@ void account_user_time(struct task_struct *p, cputime_t cputime,
static void account_guest_time(struct task_struct *p, cputime_t cputime,
cputime_t cputime_scaled)

{
- u64 *cpustat = kcpustat_this_cpu->cpustat;
-

/* Add guest time to process. */

p->utime += cputime;

p->utimescaled += cputime_scaled;

@@ -2744,11 +2742,11 @@ static void account_guest_time(struct task_struct *p, cputime_t
cputime,

/* Add guest time to cpustat. */

if (TASK_NICE(p) > 0) {

- cpustat[CPUTIME_NICE] += (__force u64) cputime;

- cpustat[CPUTIME_GUEST_NICE] += (__force u64) cputime;

+ task_group_account_field(p, CPUTIME_NICE, (__force u64) cputime);

+ task_group_account_field(p, CPUTIME_GUEST, (__force u64) cputime);

} else {

- cpustat[CPUTIME_USER] += (__force u64) cputime;

- cpustat[CPUTIME_GUEST] += (__force u64) cputime;

+ task_group_account_field(p, CPUTIME_USER, (__force u64) cputime);

+ task_group_account_field(p, CPUTIME_GUEST, (__force u64) cputime);

}

}

--

1.7.7.4
