
Subject: [PATCH v2 2/5] account guest time per-cgroup as well.

Posted by [Glauber Costa](#) on Mon, 09 Apr 2012 22:25:12 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 4603b9d..1cfb7f0 100644

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

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

```
@@ -2690,8 +2690,6 @@ 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;
```

```
@@ -2700,11 +2698,11 @@ 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);
```

```
    }
```

```
}
```

```
--
```

1.7.7.6
