
Subject: Re: PPC64 Kernel 2.6.18 + RPM packages

Posted by [dev](#) on Fri, 25 May 2007 12:41:09 GMT

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Christian,

sys_fairsched_chwt() can return ENOENT in the only case:

when fairsched node ID was not found in the list.

but VE0 node is always on the list.

So I guess there is something wrong with syscall args in your case.

Please apply the attached patch to the kernel and vzctl

recompile/reboot and report the output of both.

Thanks,

Kirill

> When, where and what should return "-ENOSYS"?

>

> I rechecked my .config file and I've seen that

> CONFIG_SCHED_VCPU=y

> CONFIG_FAIRSCHEM=y

> is already in it. But I cannot find it in the menuconfig. The menu of

> powerpc architecture is a bit different than i386. So perhaps I just

> haven't seen it... where should I find it then?

>

> So what I posted before is perhaps wrong. CONFIG_FAIRSCHEM _was set_ in

> .config file. But I got the error "fairsched_chwt: No such file or

> directory".

>

> Christian Kaiser

> --

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>

```

--- ./kernel/fairsched.c.ve2350 2007-05-24 11:48:18.000000000 +0400
+++ ./kernel/fairsched.c 2007-05-25 16:36:36.000000000 +0400
@@ -618,6 +618,7 @@ static struct fairsched_node *fairsched_
    struct fairsched_node *p;

    for_each_fairsched_node(p) {
+   printk(" fairsched_find: search %u, node: %d/%u\n", id, p->id, p->id);
        if (p->id == id)
            return p;
    }
@@ -734,9 +735,13 @@ int do_fairsched_chwt(unsigned int id, u
    if (weight < 1 || weight > FSCHWEIGHT_MAX)
        return -EINVAL;

+   printk("do_fairsched_chwt: node %u, w %u\n", id, weight);
    node = fairsched_find(id);
-   if (node == NULL)
+   if (node == NULL) {
+   printk("do_fairsched_chwt: ENOENT\n");
        return -ENOENT;
+   }
+   printk("do_fairsched_chwt: found\n");

    spin_lock_irq(&fairsched_lock);
    node->weight = weight;

diff --git a/src/lib/cpu.c b/src/lib/cpu.c
index 947d973..b0b53a7 100644
--- a/src/lib/cpu.c
+++ b/src/lib/cpu.c
@@ -74,7 +74,7 @@ static int set_cpulimit(envid_t veid, un

static int set_cpuweight(envid_t veid, unsigned int cpuweight)
{
-
+   logger(0, 0, "vzctl: fairsched_chwt(%u, %u)", veid, cpuweight);
    if (fairsched_chwt(veid, cpuweight)) {
        logger(-1, errno, "fairsched_chwt");
        return VZ_SETFSHD_ERROR;

```
