
Subject: Fedora 13, upstart problem

Posted by [Jean-Marc Pigeon](#) on Tue, 08 Jun 2010 22:47:20 GMT

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Kernel: 2.6.18-194.3.1.el5.028stab069.6

vzctl: 3.0.23-10 (yesterday git version)

fc12 is started nicely (upstart-0.3.11-4.fc12.i686) while

fc13 is barely working (upstart-0.6.5-5.fc13.i686).

I was able to have fc13 container 'fully' working doing
"/etc/rc.d/rc 3" once entered within CT (vzctl enter fc13-i386).

Important: need to first set file /etc/init/openvz.conf
within CT.

```
;------  
description "upstart with openvz"
```

```
start on startup
```

```
task
```

```
pre-start script
```

```
    mount -t proc proc /proc
```

```
    mount -t devpts devpts /dev/pts
```

```
    mount -t sysfs sys /sys
```

```
    mount -t tmpfs varrun /var/run
```

```
    mount -t tmpfs varlock /var/lock
```

```
    mkdir -p /var/run/dbus
```

```
    mkdir -p /var/run/network
```

```
    mkdir -p /var/run/netreport
```

```
    mkdir -p /var/lock/subsys
```

```
    cat /proc/mounts > /etc/mtab
```

```
end script
```

```
script
```

```
    init 2
```

```
    ifconfig lo 127.0.0.1
```

```
    /etc/init.d/networking restart
```

```
    start rsyslog
```

```
end script
```

```
;------
```

Seems to ne the problem stand within vzctl not calling /sbin/init
with right parameters anymore.

Could someone in the list know what is the exact call to /sbin/init done by vzctl-3.0.23?
what should it be to please upstart-0.6?

Thanks for your help.

Subject: Re: Fedora 13, upstart problem
Posted by [maratrus](#) on Fri, 11 Jun 2010 15:13:01 GMT
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Hi,

Quote:

Could someone in the list know what is the exact call to /sbin/init done by vzctl-3.0.23?

```
static int _env_create(vps_handler *h, envid_t veid, int wait_p, int err_p,
    void *data)
{
    ---<snip>---
    char *argv[] = {"init", "-z", " ", NULL};
    char *envp[] = {"HOME=", "TERM=linux", NULL};
    ---<snip>---
    logger(10, 0, "Starting init");
    execve("/sbin/init", argv, envp);
    execve("/etc/init", argv, envp);
    execve("/bin/init", argv, envp);
    ---<snip>---
}
```

Quote:

what should it be to please upstart-0.6?

A common Linux kernel calls just /sbin/init

```
static void run_init_process(char *init_filename)
{
    argv_init[0] = init_filename;
    execve(init_filename, argv_init, envp_init);
}

static int noinline init_post(void)
{
    ---<snip>---
    run_init_process("/sbin/init");    run_init_process("/etc/init");
}
```

```
run_init_process("/bin/init");  
run_init_process("/bin/sh");  
  
panic("No init found. Try passing init= option to kernel.");  
}
```

You can read
http://bugzilla.openvz.org/show_bug.cgi?id=436
it might be helpful.
