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Subject: Re: Beginners question: NFS client in VPS

Posted by [dev](#) on Sat, 04 Mar 2006 09:12:52 GMT

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apply this patch. it should help.

```
--- linux-2.6.8-022stab064/fs/nfs/inode.c.nonfs 2006-02-10 15:21:25.822784424 +0300
+++ linux-2.6.8-022stab064/fs/nfs/inode.c 2006-02-10 15:25:29.587726520 +0300
@@ -1399,7 +1399,8 @@ static struct file_system_type nfs_fs_ty
     .name = "nfs",
     .get_sb = nfs_get_sb,
     .kill_sb = nfs_kill_super,
- .fs_flags = FS_ODD_RENAME|FS_REVAL_DOT|FS_BINARY_MOUNTDATA,
+ .fs_flags = FS_ODD_RENAME|FS_REVAL_DOT|
+   FS_BINARY_MOUNTDATA|FS_VIRTUALIZED,
 };

#ifdef CONFIG_NFS_V4
--- linux-2.6.8-022stab064/net/sunrpc/rpc_pipe.c.nonfs 2006-02-10 15:20:28.040568656 +0300
+++ linux-2.6.8-022stab064/net/sunrpc/rpc_pipe.c 2006-02-10 14:25:48.000000000 +0300
@@ -804,6 +804,7 @@ static struct file_system_type rpc_pipe_
     .name = "rpc_pipefs",
     .get_sb = rpc_get_sb,
     .kill_sb = kill_litter_super,
+ .fs_flags = FS_VIRTUALIZED,
 };

static void
--- linux-2.6.8-022stab064/kernel/exit.c.nonfs 2006-02-10 15:21:55.098333864 +0300
+++ linux-2.6.8-022stab064/kernel/exit.c 2006-02-10 15:19:53.045888656 +0300
@@ -271,9 +271,6 @@ void __set_special_pids(pid_t session, p
{
    struct task_struct *curr = current;

- WARN_ON(is_virtual_pid(pgrp));
- WARN_ON(is_virtual_pid(session));
-
    if (curr->signal->session != session) {
        detach_pid(curr, PIDTYPE_SID);
        curr->signal->session = session;
--- linux-2.6.8-022stab064/arch/i386/kernel/process.c.nonfs 2006-02-10 15:23:36.306947816
+0300
+++ linux-2.6.8-022stab064/arch/i386/kernel/process.c 2006-02-10 15:29:36.513188144 +0300
@@ -276,13 +276,6 @@ int kernel_thread(int (*fn)(void *), voi
{
    struct pt_regs regs;

- /* Don't allow kernel_thread() inside VE */
```

```

- if (!ve_is_super(get_exec_env())) {
-   printk("kernel_thread call inside VE\n");
-   dump_stack();
-   return -EPERM;
- }
-
  memset(&regs, 0, sizeof(regs));

  regs.ebx = (unsigned long) fn;
--- ./arch/x86_64/kernel/process.c.xxxx 2006-01-23 20:25:04.000000000 +0300
+++ ./arch/x86_64/kernel/process.c 2006-02-10 15:30:13.000000000 +0300
@@ -719,12 +719,6 @@ long do_fork_kthread(unsigned long clone
    int __user *parent_tidptr,
    int __user *child_tidptr)
{
- if (ve_is_super(get_exec_env()))
-   return do_fork(clone_flags, stack_start, regs, stack_size,
-   parent_tidptr, child_tidptr);
-
- /* Don't allow kernel_thread() inside VE */
- printk("kernel_thread call inside VE\n");
- dump_stack();
- return -EPERM;
+ return do_fork(clone_flags, stack_start, regs, stack_size,
+   parent_tidptr, child_tidptr);
}

```

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