Subject: Oracle errors
Posted by ppcharli on Tue, 09 May 2006 12:01:28 GMT
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I am testing Oracle in OpenVZ with CentOS 4.3
In the dbconsole I get the errors:
Error: /proc/swaps: No such file or directory
Error: /proc/partitions: No such file or directory
It is possible to simulate these special files?

Thanks
Jose

Subject: Re: Oracle errors
Posted by dev on Tue, 09 May 2006 15:02:22 GMT
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sure, it is possible to simulate them, but I will better ask our guys how to correctly configure Oracle as they were successfully running it inside VPS. I will give you to know tomorrow.

Subject: Re: Oracle errors
Posted by xemul on Thu, 11 May 2006 08:26:48 GMT
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There's no way to add these file into running kernel - we need to make a separate patch and rebuold the kernel. As far as dbcosole is concerned - we didn't run it in VPSs yet.

If you know how tune oracle not to use these file, please, let us know. We'll try to find this out ourselves also. Otherwise we'll add these files to VPS proc with some reasonable content.

Subject: Re: Oracle errors
Posted by ppcharli on Fri, 12 May 2006 15:23:00 GMT
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I have been looking for but I have not found any form to tune Oracle to not use these files.

Thanks

Subject: Re: Oracle errors

Posted by dev on Sat, 13 May 2006 07:49:22 GMT
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Can you try the following kernel patch please?

```
--- ./drivers/block/genhd.c.ora 2006-01-11 22:13:22.000000000 +0300
+++ ./drivers/block/genhd.c 2006-05-13 11:34:46.000000000 +0400
@@ -262,6 +262,8 @@
  if (&sgp->kobj.entry == block_subsys.kset.list.next)
   seq_puts(part, "major minor  #blocks  name\n\n");

+ if (!ve_is_super(get_exec_env()))
+  return 0;
  /* Don't show non-partitionable removeable devices or empty devices */
  if (!get_capacity(sgp) ||
    (sgp->minors == 1 && (sgp->flags & GENHD_FL_REMOVABLE)))
--- ./kernel/veowner.c.ora 2006-01-11 22:13:23.000000000 +0300
+++ ./kernel/veowner.c 2006-05-13 11:36:31.000000000 +0400
@@ -98,6 +98,7 @@
   "user_beancounters",
   "cmdline",
   "vmstat",
+  "partitions",
   NULL,
  };
  char **p;
--- ./mm/swapfile.c.ora 2006-01-11 22:13:24.000000000 +0300
+++ ./mm/swapfile.c 2006-05-13 11:40:53.000000000 +0400
@@ -1344,6 +1344,9 @@
  if (v == swap_info)
   seq_puts(swap, "Filename\t\t\t\tType\t\tSize\tUsed\tPriority\n");

+ if (!ve_is_super(get_exec_env()))
+  return 0;
+
  file = ptr->swap_file;
  len = seq_path(swap, file->f_vfsmnt, file->f_dentry, " \t\n\\");
  seq_printf(swap, "%*s%s\t%d\t%ld\t%d\n",
@@ -1379,7 +1382,7 @@
 {
  struct proc_dir_entry *entry;

- entry = create_proc_entry("swaps", 0, NULL);
+ entry = create_proc_glob_entry("swaps", 0, NULL);
  if (entry)
   entry->proc_fops = &proc_swaps_operations;
  return 0;
```

Subject: Re: Oracle errors
Posted by ppcharli on Sun, 14 May 2006 09:34:07 GMT
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I am using kernel 2.6.16-026test012.1.
Is this patch for this kernel?

Thanks

Subject: Re: Oracle errors
Posted by dim on Mon, 15 May 2006 08:05:44 GMT
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AFAIR, these errors are not fatal. Oracle still runs without them.