Subject: vzprocps top bugfix for centos5.2 x86-64
Posted by chaoztc on Mon, 04 Aug 2008 18:04:59 GMT
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procps is very old and has a bug, that even is in commercial virtuozzo present, but only at x86-64 occurs a seg-fault.

problem 1: -fwriteable-strings is no more supported in new gcc compilers.

diff to procps-2.0.11:

```
--- procps-2.0.11/Makefile_org  2008-08-04 21:39:51.000000000 +0200
+++ procps-2.0.11/Makefile      2008-08-04 21:39:56.000000000 +0200
@@ -170,7 +170,7 @@
        $(strip $(CC) $(CFLAGS) $(W_SHOWFROM) -c $<)

 top.o: top.c
-       $(strip $(CC) $(CFLAGS) -fwritable-strings -c $<)
+       $(strip $(CC) $(CFLAGS) -c $<)

 skill.o:       skill.c
        $(strip $(CC) $(CFLAGS) -DSYSV -c $<)
```

problem 2:
description missing in sort, even at virtuozzo.

```
--- procps-2.0.11-vz.patch_org  2008-08-04 21:42:06.000000000 +0200
+++ procps-2.0.11-vz.patch      2008-08-04 21:42:37.000000000 +0200
@@ -1025,12 +1025,13 @@
  };
  /* corresponding field desciptions */
  char *headers2[] = {
-@@ -152,7 +154,8 @@
+@@ -152,7 +154,9 @@
        "Dirty Pages", "Resident Set Size (kb)", "Sleeping in Function",
        "Process Status", "CPU Time", "Command",
        "Last used CPU (expect this to change regularly)",
 -      "Task Flags (see linux/sched.h)"
 +      "Task Flags (see linux/sched.h)",
++      "CPU number",
 +      "Virtual Environment ID"
  };
```

with this patches it works also at x86-64 systems.
install src package:

rpm -i vzprocps-2.0.11-6.12.swsoft.src.rpm
patch files
and compile with:
rpmbuild -ba SPECS/vzprocps.spec

Subject: Re: vzprocps top bugfix for centos5.2 x86-64
Posted by khorenko on Sat, 09 Aug 2008 00:46:20 GMT
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Thank you very much, Ingo, we'll fix the description (problem 2).

as for problem 1 - seems that newer procps packages have it already fixed.

Thank you for the report!

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Konstantin

Subject: Re: vzprocps top bugfix for centos5.2 x86-64
Posted by parf on Mon, 13 Apr 2009 18:15:39 GMT
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