

# High CPU Usage on CDP Server caused by Linux Kernel Leap Second Bug

## Symptom

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- High CPU usage on CDP Servers
- Unresponsive server
- 100% CPU utilization by a java process
- Strace results indicate that only futexs are timing out

## Cause

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A Linux kernel bug was announced on 6/30/2012. It involves a leap second that was added to atomic clocks that sync with system clocks on servers. This kernel bug is completely unrelated to CDP.

This bug affects Linux servers running java processes (including the CDP java process) using Kernel >= 2.6.22.

## Resolution

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The following links contain workarounds and solutions provided by the Linux community:

Mozilla (includes link to fix) [https://bugzilla.mozilla.org/show\\_bug.cgi?id=769972](https://bugzilla.mozilla.org/show_bug.cgi?id=769972)

Mozilla (workaround):

<http://blog.mozilla.org/it/2012/06/30/mysql-and-the-leap-second-high-cpu-and-the-fix/>

Kernel.org (link to fix)

<https://git.kernel.org/?p=linux/kernel/git/torvalds/linux-2.6.git;a=commit;h=6b43ae8a619d17c49356>