A few people (including myself) encountered a problem running Hudson on Solaris 10. The symptom of the problem is that a build hangs, and when you obtain a thread dump, you see that the thread is hanging in `UNIXProcess.forkAndExec`:

```
"Executor #2 for maddie" Id=81 RUNNABLE (in native)
at java.lang.UNIXProcess.forkAndExec(Native Method)
at java.lang.UNIXProcess.(UNIXProcess.java:53)
at java.lang.ProcessImpl.start(ProcessImpl.java:65)
at java.lang.ProcessBuilder.start(ProcessBuilder.java:452)
at hudson.Proc$LocalProc.(Proc.java:104)
at hudson.Proc$LocalProc.(Proc.java:82)
at hudson.Proc$LocalProc.(Proc.java:74)
at hudson.Util.createSymlink(Util.java:725)
at hudson.model.AbstractBuild$AbstractRunn

When this happens, you can see the forked process from the `ps` command, as below:

```

When you kill one of the forked process (such as 20906), it will bring down the entire Hudson server.

If you run `pstack` on one of the forked child process, you see the output like this, which indicates that the hang is around PKCS code:

```

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The source code for these code is available on OpenSolaris site: http://src.opensolaris.org/source/xref/onnv/onnv-gate/usr/src/lib/pkcs11/pkcs11_softtoken/common/softGeneral.c#finalize_common
I found more hits in a posting on forum that looks very related. More hits in here

Various suggestions

Apply patch 118918? There's an on-going escalation?
A workaround? Apply patch 127111 -> this was obsolted by 127127.

turns out this was reported in Hudson list some time ago and in JENKINS-2296.

**Fix**

I attempted to apply some of the mentioned patches, but they failed to pkgadd, citing version inconsistencies.

I then applied the suggested workaround in $jre/lib/security/java.security$ file and restart Hudson. Since then I have no longer seen a problem.