# Fix error swap vmware

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| sudo swapoff -a # turn off swap sudo rm -i /swapfile # remove old /swapfile  sudo dd if=/dev/zero of=/swapfile bs=1M count=4096  sudo chmod 600 /swapfile # set proper file protections sudo mkswap /swapfile # init /swapfile sudo swapon /swapfile # turn on swap free -h # confirm 32G RAM and 4G swap |

Add to /etc/sysctl.conf below lines and reboot the system.

# Controls interval between generating an NMI perf monitoring interrupt that kernel uses to check for soft-lockup errors.  
watchdog\_thresh=120

**"NMI watchdog: BUG: soft lockup - CPU # stuck for #s! [X:3005]" in message log file after a Flame application crash  
Causes:**

Current time for CPU is greater than Watchdog threshold causing a soft lockup.

**Solution:**

To resolve this behavior, perform the following steps as root user:

1. Edit the file '/etc/sysctl.conf' and add the following line at the end

"kernel.watchdog\_thresh=30"

1. Save and Exit.
2. Reboot machine.

From < [*https://www.autodesk.com/support/technical/article/caas/sfdcarticles/sfdcarticles/NMI-watchdog-BUG-soft-lockup-CPU-stuck-for-s-X-3005-in-message-log-file-after-a-Flame-application-crash.html*](https://www.autodesk.com/support/technical/article/caas/sfdcarticles/sfdcarticles/NMI-watchdog-BUG-soft-lockup-CPU-stuck-for-s-X-3005-in-message-log-file-after-a-Flame-application-crash.html)>