

Fix error swap vmware

```
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"
2. Save and Exit.
3. 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>>