

Table Of Contents

Table Of Contents .....	1
-------------------------	---

[Home](#) > [Faq](#) > [CentOS](#)

## Linux kernel: Uhhuh. NMI received for unknown reason 30

Posted by [Vivek Gite](#) <[vivek@nixcraft.com](mailto:vivek@nixcraft.com)>

**Q.** I've upgrade my CentOS / RHEL (Red Hat Enterprise Linux) 4.7 on HP ProLiant DL580 G5 and it is showing unknown NMI errors in the logs:

Uhhuh. NMI received for unknown reason 30.  
Dazed and confused, but trying to continue  
Do you have a strange power saving mode enabled?

Uhhuh. NMI received for unknown reason 20.  
Dazed and confused, but trying to continue  
Do you have a strange power saving mode enabled?



How do I fix this error?

**A.** This is caused when the system is hanging under load. Add any one of the following to you `/boot/grub.conf` file:

1. Disable the NMI watchdog by adding "**nmi\_watchdog=0**"
2. Disable the high precision event timer (HPET) by adding "**nohpet**"

Open `grub.conf`, type:

```
vi grub.conf
```

Make modification to kernel line as follows:

```
title Red Hat Enterprise Linux AS (2.6.9-78.0.8.EL)
    root (hd0,0)
    kernel /vmlinuz-2.6.9-78.0.8.EL ro nohpet root=/dev/VolGroup00/LogVol100 nohpet
    initrd /initrd-2.6.9-78.0.8.EL.img
```

Save and close the file. Reboot the server:

```
# reboot
```

4000+ howtos and counting! Want to read more Linux / UNIX howtos, tips and tricks? Subscribe to our [daily email](#) newsletter or [weekly newsletter](#) to make sure you don't miss a single tip/tricks. Alternatively, subscribe via [RSS/XML](#) feed.

Article printed from Frequently Asked Questions About Linux / UNIX: <http://www.cyberciti.biz/faq/>

URL to article: <http://www.cyberciti.biz/faq/linux-kernel-uhhuh-nmi-received-for-unknown-reason-30/>

URLs in this post:

[1] Image: <http://www.cyberciti.biz/faq/category/troubleshooting/>