

**Calculate Linux - Bug # 390: Kernel Panic  $\mathbb{D}^{1/2}\mathbb{D}^\circ \mathbb{D}_\zeta \tilde{\mathbb{N}} \in \mathbb{D}^{3/4}\tilde{\mathbb{N}} \uparrow \mathbb{D}_\mu \tilde{\mathbb{N}} \bullet \tilde{\mathbb{N}} \bullet \mathbb{D}^{3/4}\tilde{\mathbb{N}} \in \mathbb{D}^\circ \tilde{\mathbb{N}} \dots$  VIA  $\mathbb{D}_\downarrow$  Transmeta**

<b>Status:</b>	New	<b>Priority:</b>	Immediate
<b>Author:</b>	ĐċĐ,Đ¼Đ¾Ñ,,ĐμĐ¹ Đ—Đ°Ñ...Đ°Ñ€Ñ†Ñ/Đ	<b>Category:</b>	
<b>Created:</b>	01/13/2012	<b>Assignee:</b>	
<b>Updated:</b>	03/13/2012	<b>Due date:</b>	
<b>Subject:</b>	Kernel Panic Đ½Đ° ĐġÑ€Đ¾Ñ†ĐμÑ•Ñ•Đ¾Ñ€Đ°Ñ... VIA Đ, Transmeta		
<b>Description:</b>	<p>Đ"Đ°Đ½Đ¾ - Đ½ĐμÑ•Đ°Đ¾Đ»Ñ€Đ°Đ¾ Đ°Đ¾Đ¼ĐġÑ€ÑŽÑ,ĐμÑ€Đ¾Đ² Ñ•</p> <p>ĐġÑ€Đ¾Ñ†ĐμÑ•Ñ•Đ¾Ñ€Đ°Đ¾Đ, C3 Nehemiah (C5X/C5XL/C5P)</p> <p>vendor_id : CentaurHauls cpu family : 6 model : 9 model name : VIA Nehemiah</p> <p>Transmeta Crusoe</p> <p>vendor_id : GenuineTMx86 cpu family : 6 model : 4 model name : Transmeta(tm) Crusoe(tm) Processor TM5800 stepping : 3</p> <p>Đ•Đ°Ñ†Đ,Đ½Đ°Ñ• Ñ• Đ²ĐμÑ€Ñ•Đ,Đ¹ 11,3 Đ'Đ¾ Đ½Đ°Ñ•Ñ,Đ¾Ñ•Ñ%ĐμĐ³Đ¾ Đ²Ñ€ĐμĐ¼ĐμĐ½Đ, ĐġĐμÑ€ĐμÑ•Đ»Đ°Đ»Đ, Đ³Ñ€ÑƒĐ·Đ,Ñ,Ñ• Ñ• LiveDVD Đ²Ñ•Đμ Đ²ĐμÑ€Ñ•Đ,Đ, Đ'Đ,Ñ•Ñ,Ñ€Đ,Đ±ÑƒÑ,Đ,Đ²Đ°.</p> <p>ĐŸĐ¾Ñ•Đ»Đμ Đ½Đ°Ñ†Đ°Đ»Ñ€Đ½Đ¾Đ³Đ¾ Đ¼ĐμĐ½ÑŽ LiveDVD Đ²Ñ•Đ±Đ¾Ñ€Đ° Ñ•Đ·Ñ•Đ°Đ° Đ, ĐġÑ€Đ¾Ñ†ĐμĐ³Đ¾ Ñ•Ñ€Đ°Đ·Ñƒ Kernel panic</p> <p>Đ~Đ·Đ¼ĐμĐ½ĐμĐ½Đ,Đμ Ñ•Ñ,Ñ€Đ¾Đ°Đ, Đ·Đ³Ñ€ÑƒĐ·Đ°Đ, Ñ•Đ'Ñ€Đ° Đ½Đμ ĐġĐ¾Đ¼Đ¾Đ³Đ°ĐμÑ,</p> <p>ĐŸĐ¾Đ'Đ¾Đ±Đ½Đ°Ñ• ĐġÑ€Đ¾Đ±Đ»ĐμĐ¼Đ° Đ½Đ°Đ±Đ»ÑŽĐ'Đ°Đ»Đ°Ñ•Ñ€ Đ, Ñ€Đ°Đ½ĐμĐμ - Đ²Đ°ĐμÑ€Ñ•Đ,Đ, 10,9 Đ, Ñ•Ñ,Đ°Ñ€Ñ•Đμ Ñ•ĐμĐ¹Ñ†Đ°Ñ• Đ½Đμ ĐġĐ¾Đ¼Đ½ÑŽ Đ"Đ¾ Ñ•Ñ,Đ¾Đ³Đ¾Đ¾Đ¾Ñ,Đ»Đ,Ñ†Đ½Đ¾ Đ³Ñ€ÑƒĐ·Đ,Đ»Đ°Ñ•Ñ€Đ²ĐμÑ€Ñ•Đ,Ñ• 10,4</p> <p>ĐŽÑ'Đ,Đ±Đ°Đ° ĐġĐ»Đ°Đ²Đ°ÑŽÑ%Đ°Ñ• Đ,Đ· Đ²ĐμÑ€Ñ•Đ,Đ, Đ° Đ²ĐμÑ€Ñ•Đ,Đ,</p>		

## History

01/13/2012 04:56 am - ĐçĐ, Đ<sup>¼</sup>Đ<sup>¾</sup>Ñ,,ĐµĐ¹ Đ—Đ°Ñ...Đ°Ñ∈Ñ‡ÑfĐº

- File config-2.6.32.28-i686-CDS added

$$\mathbb{D}\mathbb{S}\mathbb{D}^{3/4}\mathbb{D}^{1/2}\tilde{\mathbb{N}}_{\bullet}, \mathbb{D}, \mathbb{D}^3 \tilde{\mathbb{N}}_{\bullet} \cdot \mathbb{D}^{\circ} \tilde{\mathbb{N}} \in \mathbb{D}^{\circ} \mathbb{D}^{3/4}\tilde{\mathbb{N}}, \mathbb{D}^2\mathbb{D}_{\mu}\tilde{\mathbb{N}} \in \tilde{\mathbb{N}}_{\bullet} \cdot \mathbb{D}, \mathbb{D}, 11,3$$

01/13/2012 04:59 am - ÐçÐ, Ð¼Ð¾ÑÐºÐ²Ð° Ð—Ð°Ð¿Ð°Ð´Ð½Ð°Ñ Ð—Ð°Ð±ÐµÐ»Ð° Ð—Ð°Ð±ÐµÐ»Ð° Ð—Ð°Ð±ÐµÐ»Ð° Ð—Ð°Ð±ÐµÐ»Ðâ¦Ð—Ð°Ð±ÐµÐ»Ðâ¦Ð—Ð°Ð±ÐµÐ»Ðâ¦Ð—Ð°Ð±ÐµÐ»Ðâ¦

$$\mathfrak{D}'\mathfrak{D}\mu\tilde{N}\in\tilde{N}\bullet\mathfrak{D},\tilde{N}\bullet 11,3\mathfrak{D}^{\frac{1}{2}}\mathfrak{D}^{\frac{3}{4}}\tilde{N}\in\mathfrak{D}^{\frac{1}{4}}\mathfrak{D}^{\circ}\mathfrak{D}\gg\tilde{N}\mathfrak{O}\mathfrak{E}\mathfrak{D}^{\frac{1}{2}}\mathfrak{D}^{\frac{3}{4}}\tilde{N}f\tilde{N}\bullet\tilde{N},\mathfrak{D}^{\circ}\mathfrak{D}^{\frac{1}{2}}\mathfrak{D}^{\circ}\mathfrak{D}^2\mathfrak{D}\gg\mathfrak{D},\mathfrak{D}^2\mathfrak{D}^{\circ}\mathfrak{D}\mu\tilde{N},\tilde{N}\bullet\tilde{N}\bullet\mathfrak{D},\mathfrak{D}^3\tilde{N}\in\tilde{N}f\mathfrak{D}\cdot\mathfrak{D},\tilde{N},\tilde{N}\bullet\tilde{N}\bullet$$

$\mathfrak{D} \bullet \mathfrak{D}^{3/4} \mathfrak{D}^{1/2} \mathfrak{D} \mu \mathfrak{D}^{3/4} \mathfrak{D} \pm \mathfrak{D}^{1/2} \mathfrak{D}^{3/4} \mathfrak{D}^2 \mathfrak{D} \gg \tilde{\mathbf{N}} \bullet \mathfrak{D} \mu \tilde{\mathbf{N}}, \tilde{\mathbf{N}} \bullet \tilde{\mathbf{N}} \bullet - \mathfrak{D}^{1/2} \mathfrak{D} \mu \tilde{\mathbf{N}} \dots \mathfrak{D}^{3/4} \tilde{\mathbf{N}} \ddagger \mathfrak{D} \mu \tilde{\mathbf{N}}, \mathfrak{D}^{3/4} \mathfrak{D} \pm \mathfrak{D}^{1/2} \mathfrak{D}^{3/4} \mathfrak{D}^2 \mathfrak{D} \gg \tilde{\mathbf{N}} \bullet \tilde{\mathbf{N}}, \tilde{\mathbf{N}} \in \text{glibc-2.12.2}$

01/13/2012 06:48 pm - ÐçÐ, Ð¼Ð³¼Ñ,, ÐµÐ¹ Ð—Ð°Ñ...Ð°Ñ€Ñ±Ñ¶Ð°

$\mathbb{D} \not\subset \mathbb{D}_\frac{1}{4} \mathbb{D}^{\frac{3}{4}} \tilde{N}_\mu \mathbb{D} \rightarrow \mathbb{D}^\circ \tilde{N} \dots \mathbb{D}^\circ \tilde{N} \in \tilde{N} \nmid \tilde{N} f \mathbb{D}^\circ$  wrote:

$$> \mathbb{D}^{\frac{3}{4}} \mathbb{D}^{\frac{1}{2}} \tilde{N}, \mathbb{D}^3 \tilde{N} \bullet \mathbb{D} \tilde{N} \in \mathbb{D}^{\circ} \mathbb{D}^{\frac{3}{4}} \tilde{N}, \mathbb{D}^2 \mathbb{D}_{\mu} \tilde{N} \in \tilde{N} \bullet \mathbb{D}, \mathbb{D}, 11, 3$$
[illegible]

Ð,Ð·Ð¼Ð¼Ð½Ñ.

01/13/2012 06:59 pm - Ð¢Ð,Ð¼Ð½Ñ,,Ð¼Ð¹ Ð—Ð°Ñ...Ð°Ñ€Ñ±ÑfÐ°

- File config-server-patch-new added

- File config-server-patch-old added

Ð¿Ñ€Ð,Ð»Ð°Ð³Ð°Ñž diff Ð,Ð·Ð¼Ð¼Ð½Ð¼Ð½Ð,Ð¹ Ð°Ð¼Ð½Ñ,,Ð,Ð³Ð¼Ð²

Ñ,,Ð°Ð¹Ð»» config-server-patch-old Ñ•Ñ€Ð°Ð²Ð½Ð¼Ð½Ð,Ð¼ Ð°Ð¼Ð½Ñ,,Ð,Ð³Ð¼Ð² 2.6.32 (Ð,Ñ•Ñ...Ð¼Ð½Ð¼) Ð, 3.1

Ñ,,Ð°Ð¹Ð»» config-server-patch-new Ñ•Ñ€Ð°Ð²Ð½Ð¼Ð½Ð,Ð¼ Ð°Ð¼Ð½Ñ,,Ð,Ð³Ð¼Ð² 3.1 (Ð,Ñ•Ñ...Ð¼Ð½Ð¼) Ð, 2.6.32

01/13/2012 09:01 pm - Ð¢Ð,Ð¼Ð½Ñ,,Ð¼Ð¹ Ð—Ð°Ñ...Ð°Ñ€Ñ±ÑfÐ°

Ð²Ð¼Ñ,Ð¼ kernel panic

Ð"Ð¼Ð»Ð»Ð°Ð³ Ð½Ð°Ð° CLDG Ð½Ð¼ Ð½Ð° CDS Ñ,Ð° Ð¶Ð¼ Ð¿Ñ€Ð¼Ð±Ð»Ð¼Ð¼Ð°Ð°

Ð'Ñ«Ð»Ð¼Ð¶Ð,Ð» Ð½Ð° imglink.ru Ñ,Ð°Ð° Ð°Ð°Ð° Ð¿Ð¼Ñ±Ð¼Ð¼Ñf Ñ,Ð¼ Ð½Ð° Ð¿Ñ€Ð,Ð°Ñ€Ð¼Ð¼Ð¼Ð¼Ð¼Ð¼Ð¼ jpg Ð, tar.gz

Ñ•Ð,Ñ•Ñ,Ð¼Ð¼Ð°Ð° Ð³Ð¼Ð²Ñ€Ñ€Ð,Ñ, Ð¼Ñ"Ð,Ð±Ð°Ñf 413 Request Entity Too Large

Ñ...Ð¼Ñ,Ñ•Ñ,,Ð¼Ñ,Ð°Ð, Ð¿Ð¼ 930 Ð°Ð±

Ð¿Ð¼Ñ•Ð»Ð»Ð¼ start.jpg Ñ•Ñ€Ð°Ð²Ð½f kernelpanic.jpg

<http://imglink.ru/show-image.php?id=329a54756b9aa920422268ef2052060e>

<http://imglink.ru/show-image.php?id=b4cd62aeb65532bee260fab0132e44ff>

Ð¼Ð±Ð¼Ñ€ÑfÐ¼Ð²Ð°Ð¼Ð,Ð¼

<http://imglink.ru/show-image.php?id=dcc94bbac86002e552aee8025be9ed50>

Ð²Ñ«Ð²Ð¼Ð' lspci

<http://imglink.ru/show-image.php?id=29ebbb0067e58222acb25093ae65adea>

01/13/2012 09:25 pm - Ð¢Ð,Ð¼Ð½Ñ,,Ð¼Ð¹ Ð—Ð°Ñ...Ð°Ñ€Ñ±ÑfÐ°

Ð²Ð°Ð°Ð¹Ð»» make.conf

For example, to generate i686 code(with cmov) for Via C3 Nehemiah use:

CHOST="i686-pc-linux-gnu"

CFLAGS="-march=c3-2 -mtune=generic -O2 -pipe -fomit-frame-pointer"

CXXFLAGS="\$ {CFLAGS}"

Ñ•Ð±Ð¼Ñ€Ð°Ð° Ð¼Ð¿Ð,Ñ•Ð°Ð½Ð° [http://en.gentoo-wiki.com/wiki/Safe\\_Cflags/Via](http://en.gentoo-wiki.com/wiki/Safe_Cflags/Via)

Ð¿Ñ€Ð¼Ñ±Ð¼Ñ•Ñ•Ð¼Ñ€ <http://pastebin.calculate-linux.ru/ru/show/2557>

gcc Ð²Ð¼Ñ€Ñ•Ð,Ð, gcc-4.5.3-r1 Ñ•Ð¼Ð±Ð,Ñ€Ð°Ð¼Ñ, Ñ•Ð'Ñ€Ð¼ Ñ• Ð²Ñ«Ñ«Ð¼ Ð¿Ñ€Ð,Ð²Ð¼Ð¼Ð¼Ð¼Ð¼Ñ¼ make.conf

01/16/2012 10:00 am - Mikhail Hiretsky

Ð"Ð'Ñ€Ð¼ Ñ•Ð¼Ð±Ñ€Ð°Ð½Ð¼Ð½Ð¼Ð½Ð¼Ñ•Ñ•Ñ,Ð¼Ð¼Ð, Ð¿Ð°Ñ€Ñ€Ð¼Ñ,Ñ€Ð°Ð¼Ñ, Ð°Ð°Ð¿ÑfÑ•Ð°Ð°Ð¼Ñ,Ñ•Ñ• Ð½Ð°

Ð¿Ñ€Ð¼Ñ±Ð¼Ñ•Ñ•Ð¼Ñ€Ð°Ñ... VIA?

CHOST="i686-pc-linux-gnu"

CFLAGS="-march=c3-2 -mtune=generic -O2 -pipe -fomit-frame-pointer"

CXXFLAGS="\$ {CFLAGS}"

01/17/2012 02:48 am - Ð¢Ð,Ð¼Ð½Ñ,,Ð¼Ð¹ Ð—Ð°Ñ...Ð°Ñ€Ñ±ÑfÐ°

```
> Ð°Ð¹Ñ€Ð¼    Ñ•Ð¾Ð±ÑœÐ°Ð²Ð³Ð¼    Ñ•    Ñ•Ñ‚Ð²Ð²    Ð¿Ð°ÑœÐ°Ð¼Ñ‚ÑœÐ°Ð²    Ð°Ð²Ð¿¸Ñ†Ñ•Ð°Ð²Ñ‚Ñ•    Ð½Ð°Ð°
```

Ð¿ÑœÐ¼Ñ†Ð¼Ñ•Ñ•Ð°ÑœÐ°... VIA?

```
>
```

```
> CHOST="i686-pc-linux-gnu"
```

```
> CFLAGS="-march=c3-2 -mtune=generic -O2 -pipe -fomit-frame-pointer"
```

```
> CXXFLAGS="${CFLAGS}"
```

03/13/2012 08:04 pm - Ð¢Ð¸Ð³Ð¼Ð½, Ð¼Ð¹ Ð—Ð°Ñ...Ð°Ñ€Ñ¸Ñ¸  
immediate - Ð½Ð¼ Ð¸Ð³Ð¼Ñ¸Ð½•Ð» Ð±Ñ¸Ñ¸Ð¼Ñ¸, Ñ¸Ð¼Ñ¸Ð¼Ð½Ð¼Ð½Ð³ Ð¸Ð»Ð¸ Ð½Ð¼Ñ¸?

config-2.6.32.28-i686-CDS	74.2 KB	01/13/2012	ÐøÐ, Ð¼Ð½, ÐµÐ¹ Ð—Ð°Ñ...Ð°Ñ€Ñ½Ð°
config-server-patch-new	98.5 KB	01/13/2012	ÐøÐ, Ð¼Ð½, ÐµÐ¹ Ð—Ð°Ñ...Ð°Ñ€Ñ½Ð°
config-server-patch-old	98.5 KB	01/13/2012	ÐøÐ, Ð¼Ð½, ÐµÐ¹ Ð—Ð°Ñ...Ð°Ñ€Ñ½Ð°