

## Re: IBM T22/APM suspend does not work with yenta\_socket module loaded on 2.6.8.1

**Source:** <http://linux.derkeiler.com/Mailing-Lists/Kernel/2004-08/5492.html>

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**From:** Russell King ([rmk+lkml\\_at\\_arm.linux.org.uk](mailto:rmk+lkml_at_arm.linux.org.uk))

**Date:** 08/19/04

Date: Thu, 19 Aug 2004 09:47:02 +0100  
To: Karel Gardas <[kgardas@objectsecurity.com](mailto:kgardas@objectsecurity.com)>

On Thu, Aug 19, 2004 at 10:16:04AM +0200, Karel Gardas wrote:

> *I've found that APM suspend is not working on my IBM T22 properly, when  
> cardbus services are loaded. I've identified the problematic piece of code  
> as a yenta\_socket module -- when I stop cardmgr and unload this module,  
> suspend starts to work.*

So it doesn't even work with cardmgr stopped and yenta loaded?  
Have you tried removing any cards plugged in to the sockets?

You could try grabbing the cbdump program from [pcmcia.arm.linux.org.uk](http://pcmcia.arm.linux.org.uk)  
and trying to identify whether there's any differences in the register  
settings of the Cardbus bridges – between having no yenta module loaded  
and having yenta loaded with the sockets suspended using:

```
echo 3 > /sys/class/pcmcia_socket/pcmcia_socket0/device/power/state  
echo 3 > /sys/class/pcmcia_socket/pcmcia_socket1/device/power/state
```

(echo 0 to these files to resume the sockets.)

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Russell King

Linux kernel 2.6 ARM Linux - <http://www.arm.linux.org.uk/>  
maintainer of: 2.6 PCMCIA - <http://pcmcia.arm.linux.org.uk/>  
2.6 Serial core

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