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Subject: Re: Zaptel - ztdummy - kernel install help  
Posted by [ricoche](#) on Tue, 29 Jan 2008 11:19:50 GMT  
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Thank you Kirill for the help.

I managed to get zaptel compiled on the VE, but I am still getting some errors which I will post here. I should note that everything on the HN side appears to be running without any problems. I just can't get the VE side of things working so that when I install Asterisk on the VE I'll see the "app\_meetme.so" module under /usr/lib/asterisk/modules. It still doesn't show which means it's not installed and/or working.

On the HN side, the following commands appear to work fine:

```
modprobe ztdummy
modprobe zaptel
service start zaptel
ztcfg -v
ztcfg -d
cat /proc/zaptel/1
vzctl set 112 --devnodes zap/pseudo:rw --save
```

On the VE side, the following commands are giving me errors:

```
modprobe ztdummy
WARNING: Error inserting crc_ccitt (/lib/modules/2.6.18-53.1.4.el5.028stab053.4/kernel/lib/crc-ccitt.ko): Operation not permitted
WARNING: Error inserting zaptel (/lib/modules/2.6.18-53.1.4.el5.028stab053.4/misc/zaptel.ko) :
Operation not permitted
FATAL: Error inserting ztdummy (/lib/modules/2.6.18-53.1.4.el5.028stab053.4/misc/ztdummy.ko
): Operation not permitted
```

```
modprobe zaptel
WARNING: Error inserting crc_ccitt (/lib/modules/2.6.18-53.1.4.el5.028stab053.4/kernel/lib/crc-ccitt.ko): Operation not permitted
FATAL: Error inserting zaptel (/lib/modules/2.6.18-53.1.4.el5.028stab053.4/misc/zaptel.ko) :
Operation not permitted
```

```
ztcfg -v
Notice: Configuration file is /etc/zaptel.conf
line 233: Unable to read Zaptel version information.
```

```
Zaptel Version: Unknown
Echo Cancellor: Unknown
Configuration
=====
0 channels to configure.
```

```
ioctl(ZT_LOADZONE) failed: Invalid argument
```

line 233: Unable to register tone zone 'us'

ztcfg -d

Line 158: loadzone = us

Line 172: defaultzone=us

<End of File>

ioctl(ZT\_LOADZONE) failed: Invalid argument

Notice: Configuration file is /etc/zaptel.conf

line 233: Unable to register tone zone 'us'

cat /proc/zaptel/1

cat: /proc/zaptel/1: No such file or directory

service zaptel start

Loading zaptel framework: WARNING: Error inserting crc\_ccitt

(/lib/modules/2.6.18-53.1.4.el5.028stab053.4/kernel/lib/crc-ccitt.ko): Operation not permitted

FATAL: Error inserting zaptel (/lib/modules/2.6.18-53.1.4.el5.028stab053.4/misc/zaptel.ko) :  
Operation not permitted

[FAILED]

Waiting for zap to come online...OK

Loading zaptel hardware modules:No functioning zap hardware found in /proc/zaptel, loading  
ztdummy

Running ztcfg: ioctl(ZT\_LOADZONE) failed: Invalid argument

Notice: Configuration file is /etc/zaptel.conf

line 233: Unable to register tone zone 'us'

[ OK ]