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Subject: Problem Inserting Microcode (Wrong arch?)  
Posted by [btgeekboy](#) on Mon, 03 Dec 2007 19:12:16 GMT  
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Hello all,

My apologies if this is covered elsewhere; I've searched but didn't find anything helpful. I'm a OVZ noob

On our Dell PowerEdge 1950, there's an error at boot which I am unable to resolve, with the microcode update unable to be applied. I see the following:

```
# modprobe microcode  
FATAL: Error inserting microcode (/lib/modules/2.6.18-8.1.15.el5.028stab049.1/kernel/arch/i386/kernel/microcode.ko): Invalid module format
```

I believe the problem is because it's trying to load the i386 version, when I actually need the x86\_64 version, which does exist on my system. Output of `uname -a`:

```
Linux host.domain.net 2.6.18-8.1.15.el5.028stab049.1 #1 SMP Thu Nov 8 16:23:16 MSK 2007  
x86_64 x86_64 x86_64 GNU/Linux
```

Any ideas what could be causing this, and what I have to do to resolve it? I'm running the stock kernel from the yum repository. This is a fresh install of CentOS 5 x86\_64; the only added software are the Dell OpenManage RPMs.