

# CPUID to mask Intel Core 2 Merom in VMware unter AMD

Beitrag von „Maxhack“ vom 31. Mai 2020, 23:23

Hallo. Das Problem mit VirtualBox ist das mir das Netzwerk zu langsam ist. Was ich in der VM machen möchte ist eine AFP Verbindung zu einem sparsbundle image, welches ich dann local auf dem Windows PC über FTP ansprechen kann. Bei VirtualBox sehe ich hier nur 10 - 15 MB/s, bei VMware 50 -60 MB/s

Ich habe es letztendlich bewerkstelligt SL auf VMware mit AMD zu installieren. Ich kann gerne meine Instructions teilen, ist aber auf English. Ist für mich einfacher.

Wie folgt:

I succeeded installing and running OSX 10.6 in VMware Workstation under Windows 7 with a AMD Phenom II x4 965 CPU - other AMD CPU's from that line will most likely work too. The following instructions to not require any questionable tools, bootloader or startup images.

You do, however, need to install an appropriate AMD kernel, since OSX does not support it. You will also need to patch VMware to provide the "Darvin" bootloader and to be able to read HFS+ startup media.

The installation is somewhat cumbersome and technical, but if you follow the instructions carefully it will work. I just finished setting up the system and I'm happy with hit. Please keep in mind that this is all the result of my own experimenting, spending a complete weekend. I have not found these instructions anywhere on the web so far.

## On your Mac:

1. Create 3 folders: **osx**, **kernel**, and **kext**
2. Create a regular Snow Leopard disk image (client/desktop).

Insert your OSX install DVD into your Mac.

Open **Disk Utility** and select the mounted OSX Install Volume.

Select File:New:Disk Image, from "OSX Install", save it as a regular compressed disk image, e.g. **osx1063.dmg** in the "**osx**" folder.

When done, eject the mounted OSX Install disk image to avoid confusing the wrong volume. You will need to add some files, but more on this later.

3. Find a **MacOS/X AMD kernel** for your OS/X version.

I found some at: [Kernel](#)

Put the **.pkg** file into the "**kernel**" folder.

Using **Terminal.app**, cd to the "kernel" folder and extract the contents:

```
$ pkgutil --expand-full legacy_kernel-10.3.0.pkg stuff  
$ open stuff/root.pkg/Payload
```

Drag "**legacy\_kernel**" to the "**kernel**" folder.

Drag "**SleepEnabler.kext**" to the "**kext**" folder.

Delete the "stuff" folder.

4. Download a couple of essential kext's:

**FakeSMC.kex**

**NullCPUPowerManagement.kext**

Drag them to the "**kext**" folder.

5. Modify the OSX Install disk image:

Using **Terminal.app**, cd to the folder of your **.dmg** image and use the following commands:

```
$ hdiutil attach -owners on osx1063.dmg -shadow
```

6. Verify no other disk image with a similar name is open:

```
$ df -h
```

```
$ open /Volumes/Mac\ OS\ X\ Install\ DVD
```

Drag/Copy your "**kext**" folder to the window just opened. Drag/Copy your "**kernel**" folder into the window as well.

CD to the copied kext folder and repair file permissions:

```
$ cd /Volumes/Mac\ OS\ X\ Install\ DVD/kext
```

```
$ pwd
```

```
/Volumes/Mac OS X Install DVD/kext
```

```
$ xattr -rc *
```

```
$ sudo chown -R root:wheel *
```

(When prompted for password, enter your current user account password)

```
$ sudo chmod -R 755 *
```

```
$ ls -ld@ *
```

drwxr-xr-x 3 root wheel 102 Nov 24 2012 FakeSMC.kext drwxr-xr-x 3 root wheel 102 Nov 24 2012 NullCPUPowerManagement.kext  
drwxr-xr-x 3 root wheel 102 Apr 2 2010 SleepEnabler.kext

Copy the kext file to the Installer system extensions folder:

```
$ sudo cp -pR *.kext /Volumes/Mac\ OS\ X\ Install\  
DVD/System/Library/Extensions
```

Replace the mach\_kernel on the Installer image by entering the following commands:

```
$ cd /Volumes/Mac\ OS\ X\ Install\ DVD  
$ sudo mv mach_kernel mach_kernel_orig  
$ sudo cp kernel/legacy_kernel mach_kernel  
$ sudo chown root:wheel mach_kernel
```

7. \$ cd

CD out of the from the disk image and eject it (Finder Select the mounted image, right-click: eject, or drag to trash)

CD into your "osx" folder and type the following to merge the shadow image:

```
$ hdiutil convert -format UDZO -o osx1063amd.dmg osx1063.dmg -shadow
```

8. Convert the new .dmg image to iso:

```
$ hdiutil convert -format UDTO osx1063amd.dmg -o osx1063amd.cdr  
$ mv osx1063amd.cdr osx1063amd.iso
```

Finally copy the iso image to your PC.

The .iso image will be HFS+ that Windows cannot read. It may read the Bootcamp partition instead, which we don't need.

### On your PC:

- 1) Install VMware workstation (I tried version 8 and 9, both worked).
- 2) Search the web for "unlocker vmware"
- 3) Follow the instructions to patch vmware for OSX.

Apparnelty this message is too long. Please see attachment.