Fixing Issues

- Fixing Apple ID / iCloud Issues
- Fixing High CPU Usage / Setting Custom CPU Cores

Fixing Apple ID / iCloud Issues

This guide outlines how to fix issues with Apple ID not signing in / iCloud showing 'Verification Failed' and how to fix this for good!

Carry out the following steps if:

- You would like working Apple ID / iCloud On Your Hackintosh
- Are aware that no system updates will work when these patches are applied (Can be removed and re-added for system updates)
- Are aware that HSVE is not responsible if you get your Apple ID banned (Unlikely)

With OCAT GUI:

Go to Kernel -> Patch and add two new items as follows:

Identifier	Count	Find	Limit	Replace	Skip	Arch
kernel	1	68696265726 E6174656869 64726561647 90068696265 726E6174656 36F756E7400	0	68696265726 E6174656869 64726561647 90068765F76 6D6D5F70726 573656E7400	0	x86_64
kernel	1	626F6F74207 3657373696F 6E205555494 40068765F76 6D6D5F70726 573656E7400	0	626F6F74207 3657373696F 6E205555494 40068696265 726E6174656 36F756E7400	0	x86_64

Watch the following video along with these commands for better understanding! :

https://youtu.be/gp0Vi5OJO-k?si=DVF3PVRd9vJ-WHIC

Fixing High CPU Usage / Setting Custom CPU Cores

In this guide we outline how to fix the **High CPU Usage** and set **Custom CPU Core**s on your virtualized macOS VM using our updated method for Proxmox.

Important Information:

macOS only accepts CPU cores in **powers of 2**:

1, 2, 4, 8, 16, 32, 64, ...

We provide a workaround to use non-power-of-two core counts. This may or may not work for your system. If you encounter issues, simply revert the changes and ensure to take a backup!!

1. Editing your VM Configuration:

Open your VM Configuration file replacing [VMID] with your VM ID

```
sudo nano /etc/pve/qemu-server/[VMID].conf
```

Intel: Supported Core Configurations

Native (No Args Needed) These core counts work natively in macOS:
2 cores
4 cores
8 cores
16 cores
32 cores

Intel: 48 Core Examples

Two working options:

```
-smp 48,cores=2,sockets=24,threads=1,maxcpus=48
```

```
-smp 48,cores=2,sockets=12,threads=2,maxcpus=48
```

AMD CPUs

For AMD users, replace your current `-cpu` argument with:

```
args: <default-arg> -cpu host
```

Then simply set the desired number of CPU cores in **Proxmox → Hardware → CPU**.

If you need any further assistance please do not hesitate to contact us