

Fixing High CPU Usage / Setting Custom CPU Cores

In this guide we outline how to fix the **High CPU Usage** and set **Custom CPU Cores** 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](#)

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