

KVM

PROCESSOR CHECK:

```
cat /proc/cpuinfo | grep sse4.1
```

Install virsh:

```
sudo apt-get install libvirt-clients libvirt-daemon-system bridge-utils libguestfs-tools genisoimage virtinst  
libosinfo-bin
```

Download QEMU:

```
wget https://download.qemu.org/qemu-3.1.0.tar.xz
```

Run configure:

```
./configure --enable-system --enable-kvm --enable-usb-redir --enable-tools --enable-vnc --enable-vde --enable-  
gtk --enable-sdl --enable-libssh2 --enable-spice --enable-opengl
```

Run build & install:

```
make -j(nbr of procs) && sudo make install -j2 && sudo ln -s /usr/local/bin/qemu-* /usr/bin/
```

Clone OSX-KVM

```
git clone https://github.com/kholia/OSX-KVM.git
```

Don't forget to copy macOS-Mojave-libvirt.xml from <https://bitbucket.teamexosuite.cloud/snippets/97d8182000c34dbdb82b3d6629b6cc45> into OSX-KVM directory

Start default network:

```
virsh --connect qemu:///system net-autostart default && virsh --connect qemu:///system net-start default
```

Define the vm:

```
virsh --connect qemu:///system define macOS-Mojave-libvirt.xml
```

reference: <https://www.atrinxnet.com/compile-qemu-from-source-and-make-a-debian-package-with-checkinstall/>