

# VM / macOSAMD

## Description

This VM is for running macOS via dedicated hardware so I have something faster than my laptop.

## Configuration

### Resources

Hostname	CPU	Memory
MiMac	12 vCPU	16GB

### Storage

Disk	Controller	Size	Purpose
local-zfs:vm-100-disk-1	ide0	1M	NVRAM
local-zfs:vm-100-disk-0	virtio	200MB	EFI boot loader
local-zfs:vm-100-disk-2	virtio	1TB	boot disk

### PCI Passthrough

Name	BDF	Settings
Fresco USB 3.0 Controller	04:00	n/a
AMD RX 560 GPU	08:00	pcie=1,x-vga=1
Intel 10GbE SFP+ NIC	06:00	n/a

# Networking

## Interfaces

ID	Name	Bridge	IP Address	Comments
eno0	n/a	vmbr0	10.0.2.5/21 (DHCP)	1GbE
eno1	n/a	--	10.0.10.5/24 (manual)	10GbE

## Configuration

Because we want macOS to route all traffic destined for [blackbox.hermz](#) over our 10GbE network we need to adjust our routing table to redirect all traffic to [LXC / Routeman](#) first.

Knowing that blackbox.hermz has ip addresses `10.0.2.2`, and `10.0.2.3` and all of its services run with `10.0.4.x` we can easily setup some updated routes.

```
# 10.0.2.2 (main interface) and 10.0.2.3 (admin interface)
```

```
ip route add 10.0.2.2/31 dev en1 via 10.0.10.6
```

```
# 10.0.4.x (services running on blackbox)
```

```
ip route add 10.0.4.0/24 dev en1 via 10.0.10.6
```

This works perfectly except it isn't persistent.

---

Revision #5

Created 2 May 2020 21:19:26 by Dustin Sweigart

Updated 3 May 2020 15:46:51 by Dustin Sweigart