

# Misc notes

Stuff I want to make a note of that doesn't fit anywhere else.

## Rancher Desktop

### Mounts not working

This can happen when you're mounting from somewhere outside of `/Users/$UNAME` or `/tmp/rancher-desktop`. It may manifest as mounts showing up as empty directories/folders when they should be files, or filled folders. MySQL containers will exit with the message `ERROR: Can't initialize batch_readline - may be the input source is a directory or a block device`.

To fix, quit Rancher Desktop, then go to `Library/Application Support/rancher-desktop/lima/_config` and create a file, `overrides.yaml`, with the following content:

[overrides.yaml](#)

```
mounts:  
- location: /path/to/your/data  
  writable: true
```

Open up Rancher Desktop again and recreate your problem container(s).

## Podman

### iptables errors - chain already exists when starting container

This can happen on Alpine if using `tailscale` and upgrading to 1.76.6 or newer, as it now defaults to using `nftables`, conflicting with podman's default of using `iptables`. The fix is to ensure `nftables` is actually enabled by running `rc-update add nftables default` and then `service nftables start`, followed by editing `/etc/containers/containers.conf` and changing `#firewall_driver = ""` to `firewall_driver = "nftables"`. Then reboot.

## Alpine

### Traffic not passing when nftables active

This happens when you enable `nftables` after installing it. The reason is that the default rules in `/etc/nftables.nft` drop incoming traffic by default. Replace it with the following file:

[/etc/nftables.nft](#)

```
#!/usr/sbin/nft -f
# vim: set ts=4 sw=4:
# You can find examples in /usr/share/nftables/.

# Clear all prior state
flush ruleset
table inet filter {
    chain input {
        type filter hook input priority 0; policy accept;
    }
    chain forward {
        type filter hook forward priority 0; policy accept;
    }
    chain output {
        type filter hook output priority 0; policy accept;
    }
}

# The state of stateful objects saved on the nftables service stop.
include "/var/lib/nftables/*.nft"

# Rules
include "/etc/nftables.d/*.nft"
```

Then restart and enjoy.

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