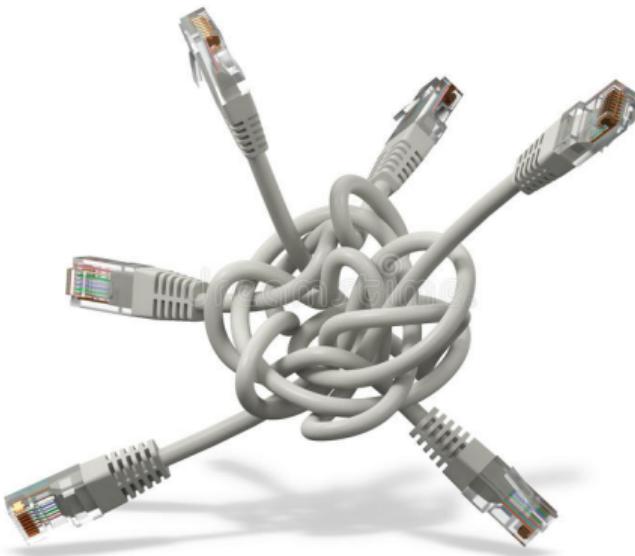


# container networking from scratch



# The aim

The network needs to satisfy the following (Kubernetes) requirements:

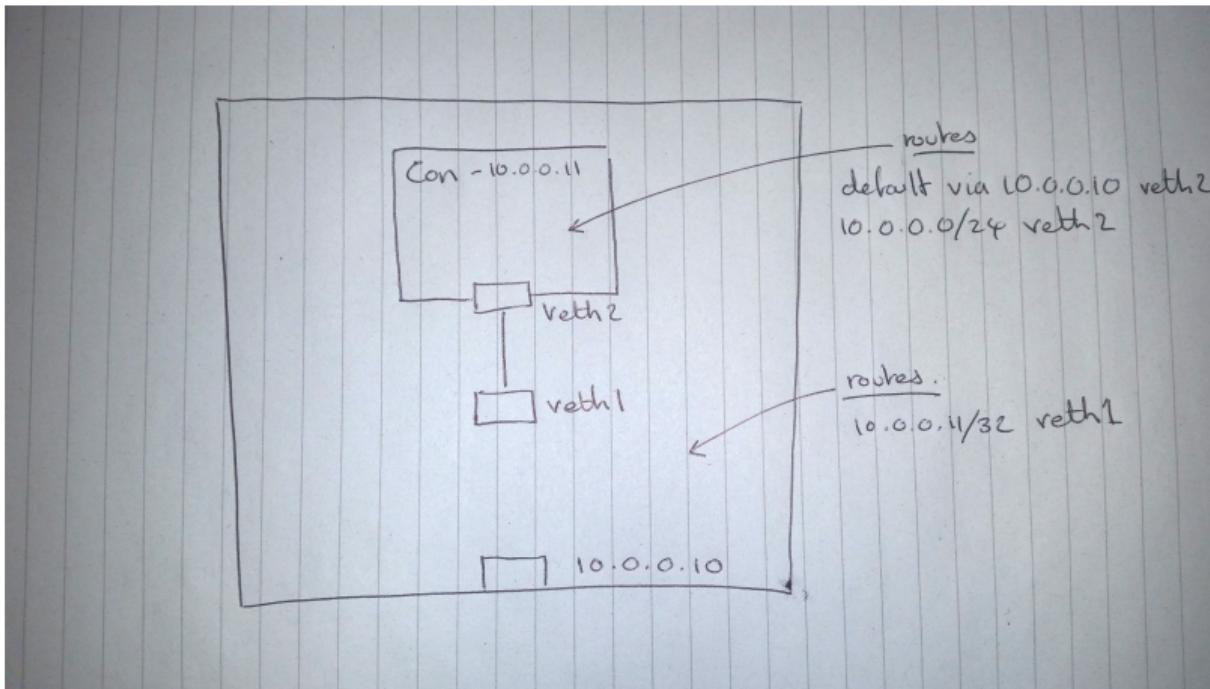
- All containers can communicate with all other containers without NAT
- All nodes can communicate with all containers (and vice-versa) without NAT
- The IP that a container sees itself as is the same IP that others see it as

# The plan

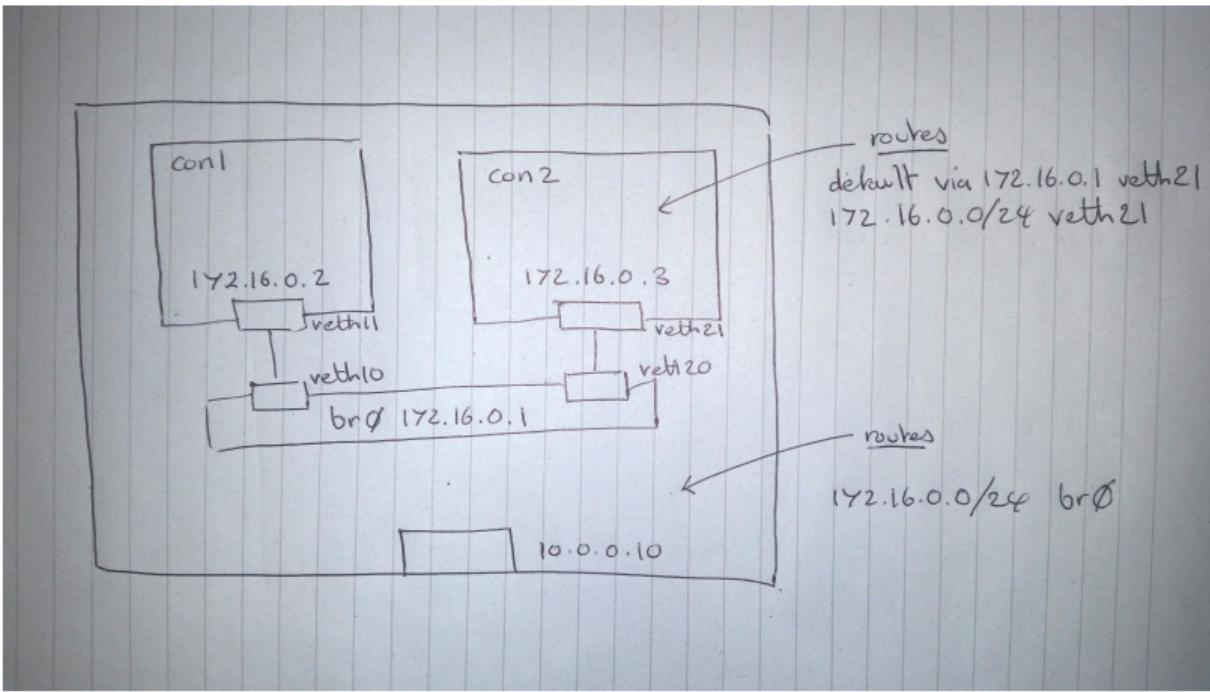
To work our way from nothing, to a (flannel style) overlay network in 4 'easy' steps:

- Step 1: Single network namespace
- Step 2: Single node
- Step 3: Multi node
- Step 4: Overlay network

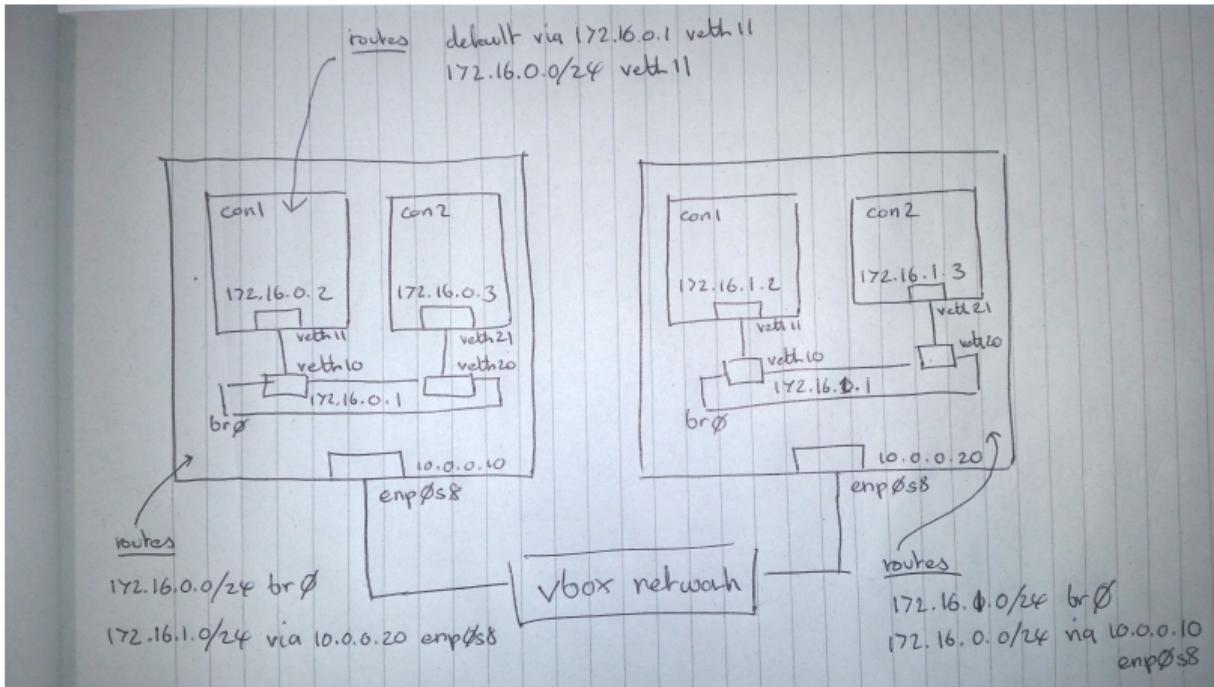
# container networking from scratch



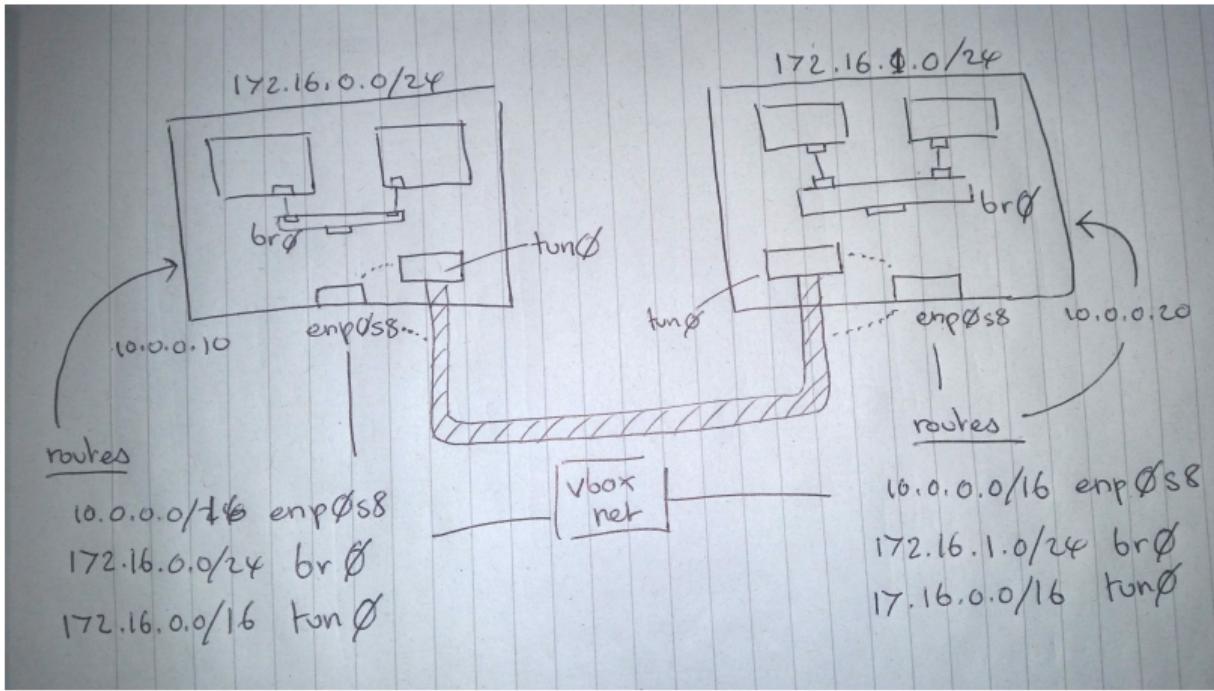
# container networking from scratch



# container networking from scratch



# container networking from scratch



# Links

- <https://github.com/kristenjacobs/container-networking>