February 2020

https://www.proxmox.com/en/training/video-tutorials/item/bond-configuration

Infiniband notes

- Infiniband is a good idea for multi-node gpu training as it can use RDMA. This allows exchanges between the gpus on each node without first copying the data from the gpu into system ram.
- QDR:
  - 40 gbps per port
  - 1 micro second latency
  - $40 for a dual port card
- Bonding of infiniband interfaces is not possible?

Purchases

- Bought 3 quad intel nics for $35 on ebay. This should help with lizardfs bandwidth.
- Bought an m40 gpu with 24gb of vram.
  - Needs a fan and the 3d printed bracket for adding fans to the passive card.

Revision #2

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