

Scale out, not Scale up

- Scale up = grow your cluster capacity by replacing with more powerful machines
 - Traditional approach
 - Not cost-effective, as you're buying above the sweet spot on the price curve
 - And you need to replace machines often
- Scale out = incrementally grow your cluster capacity by adding more COTS machines (Components Off the Shelf)
 - Cheaper
 - Over a long duration, phase in a few newer (faster) machines as you phase out a few older machines
 - Used by most companies who run datacenters and clouds today