

William Prado
07/18/2025
Cloud Infra-
structure

Virtualization

host hardware

virtual machines (VM)

Hypervisor

Hypervisor type 1

Hypervisor type 2

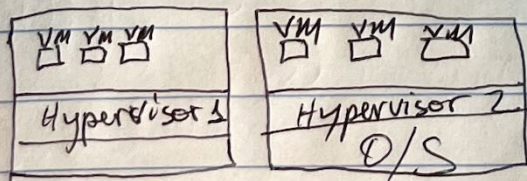
Decentralized computers

- Blockchain
- peer to peer (P2P)
- Content Delivery Network (CDNs)
- Internet of Things (IoT)
- Distributed databases
- TOR (The Onion Router)

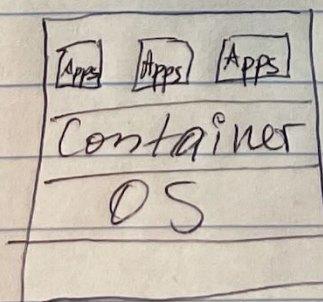
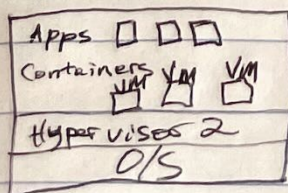
Virtualization

Type 1 - No O/S

Type 2 - O/S prior to hypervisor



Containers



- 1) Rapid Dev.
- 2) Resource efficiency
- 3) Micro service