

# Virtualization software round-up

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# Hypervisors

- Open Source and free
  - KVM
  - Xen
  - VirtualBox
  - BHyve (FreeBSD)
- Commercial (but free for some use cases)
  - ESXi
  - HyperV

# Containers (OS-level virtualization)

- Docker
- LXC
- OpenVZ
- Jails (FreeBSD)
- Zones (Solaris)

# VM Cluster Management

- Open Source and free
  - Ganeti
  - oVirt
  - Archipel
- Open Source but non-free
  - Proxmox VE (*paid updates*)
  - Red Hat Virtualization (*socket licensing*)
  - Citrix XenServer (*socket licensing*)

# Public/Private "Cloud"

- Synnefo
- OpenStack
- CloudStack
- Eucalyptus

# Distributed networked storage

- Ceph (RADOS)
  - Block, object and file storage
- Sheepdog
  - KVM block storage
- GlusterFS
  - File storage + object gateway add-on

# Configuration management

- Ansible
- Puppet
- Chef
- Juju
- Salt