

**PROXMOX**

**BRINGING THE POWER OF THE  
CLOUD TO INDIVIDUALS**

# Types of Clusters

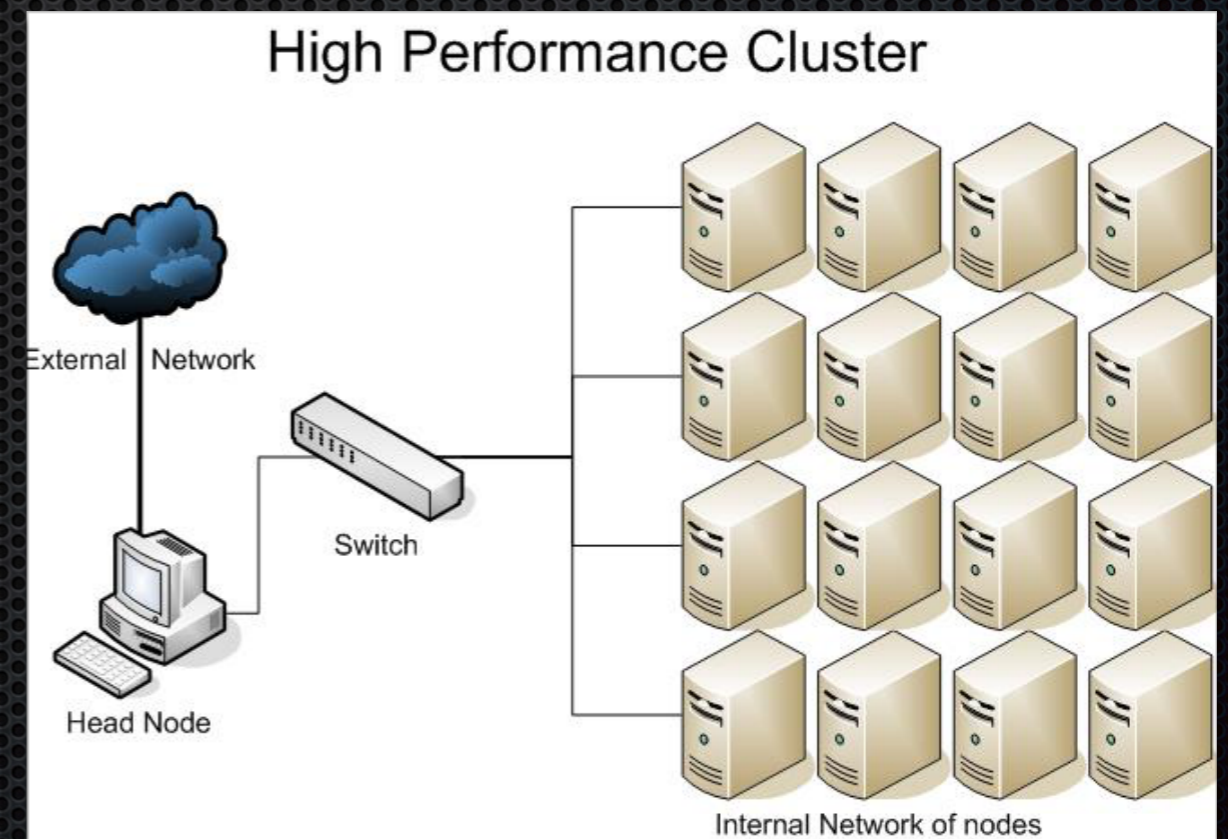
- Storage
- High availability
- Load Balancing
- High Performance



# Types of Clusters

- Storage

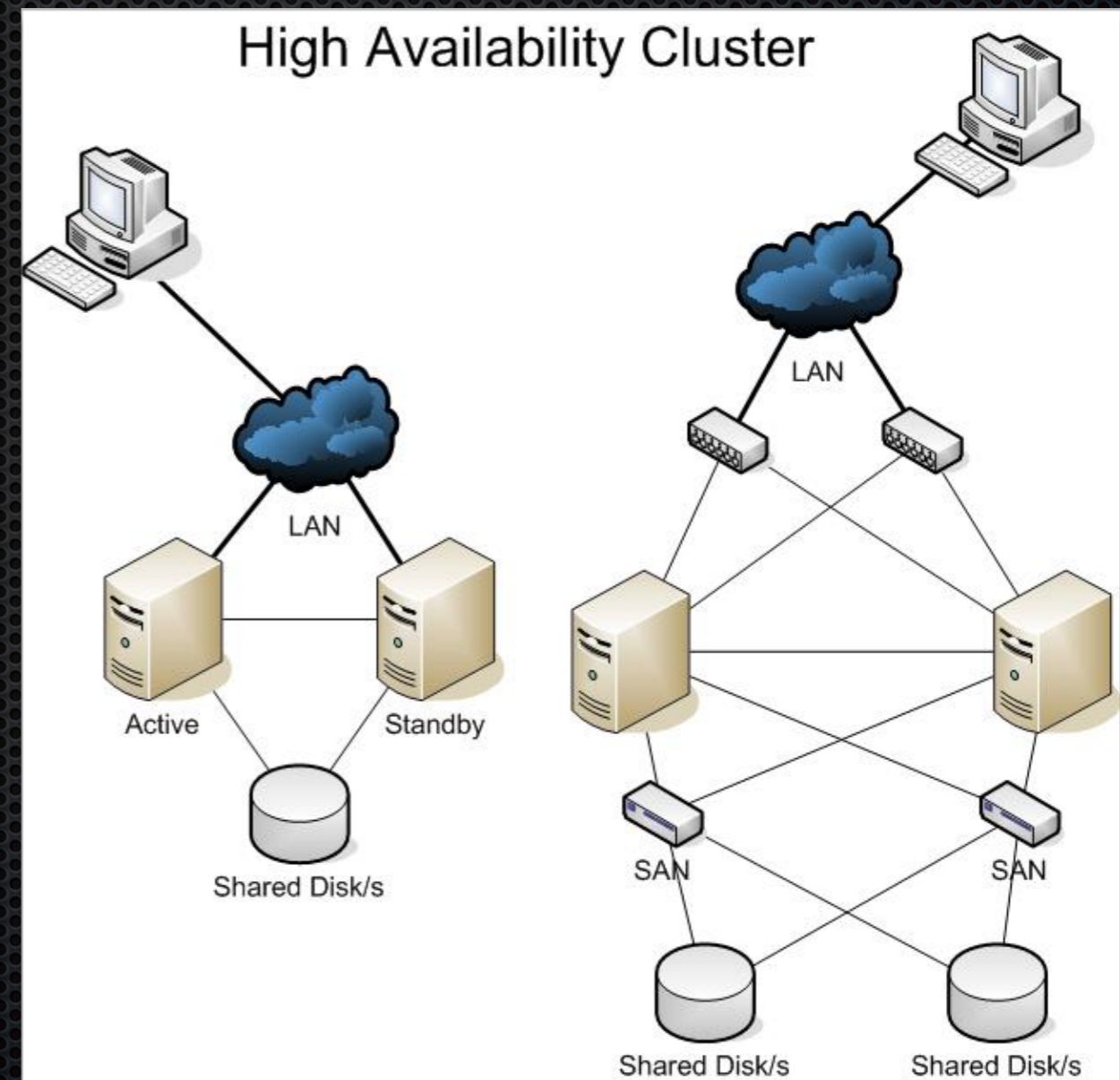
Storage clusters provide a consistent file system image across servers in a cluster, allowing the servers to simultaneously read and write to a single shared file system.



# Types of Clusters

- High availability

High-availability clusters provide continuous availability of services by eliminating single points of failure and by failing over services from one cluster node to another in case a node becomes inoperative.

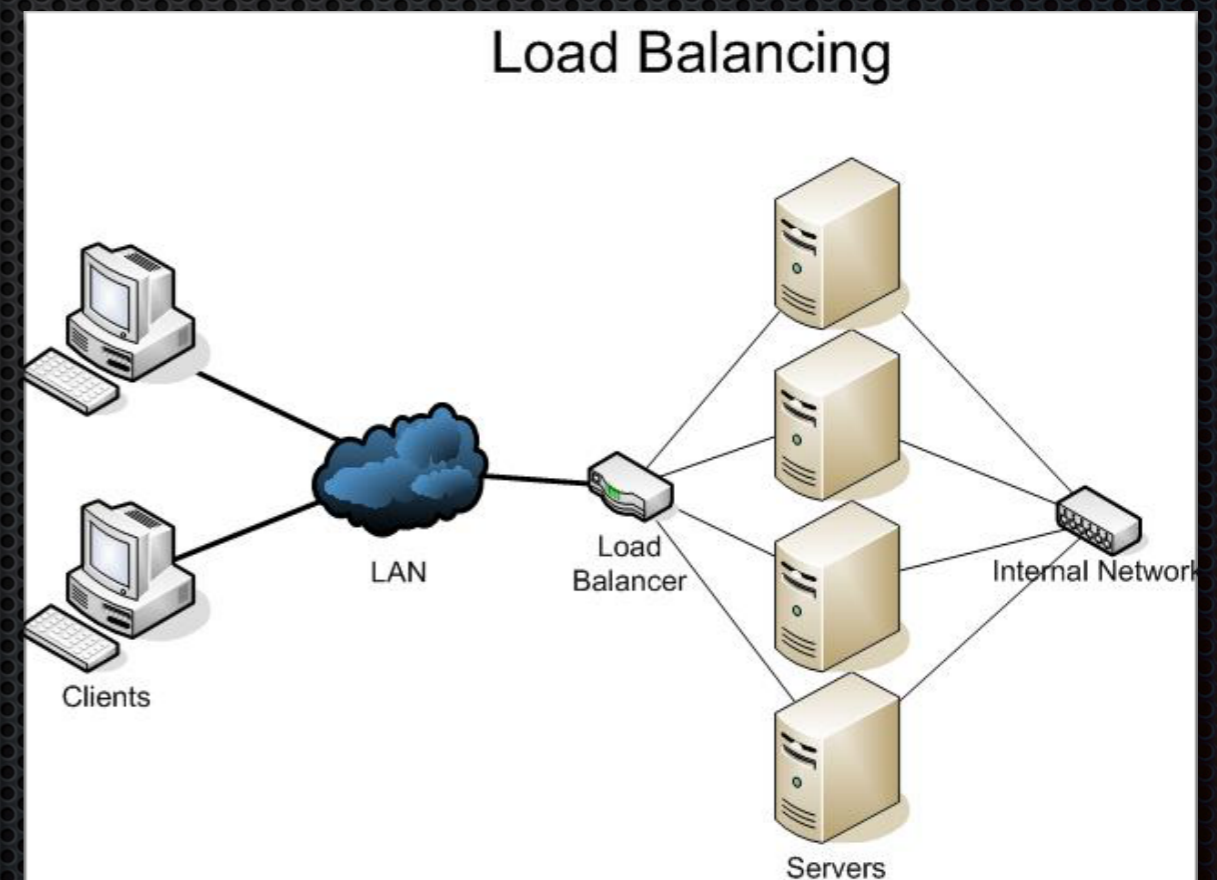


# Types of Clusters

- Load Balancing

Load balancing clusters are a more loosely connected form of high performance clusters.

They take a list of tasks, such as serving web pages, and each take one of the tasks until they are all done.



# Types of Clusters

- High Performance

High performance clusters distribute the workload of one application over multiple nodes to complete tasks that would take too long on any one of the nodes.



ProxMox is an easy to configure, prepackaged virtualization environment basted on Debian Linux optimized for smaller configurations

What is ProxMox?

**Why?**

**Why?**

**Why?**

**Why?**

**Why?**

**Why?**

**Why?**

OpenStack

ProxMox

Large scale deployment

Small scale deployment

User  
compartmentalization

Little user  
compartmentalization

Extensive management

Small scale management

KVM

KVM, OpenVZ

Complex deployment

Easy setup