Fault tolerance: Redundancy that ensures zero downtime

Disaster recovery: Plan to restore normal operations

**Scalability:** Vertical and horizontal scale out

Scale out or Horizontal scaling: increase ("out") or decrease ("in") in the number of VM instances.

Scale in or vertical scaling: increasing or decreasing virtual machine (VM) sizes in response to a workload.

**Elasticity**: Dynamic scale out and scale in

If traffic goes down dynamically decrease the VM instances or decrease VM size

**Agility:** Platform to develop and deploy services quickly.

