

Azure Datacenters & Availability Zones

Azure Datacenters

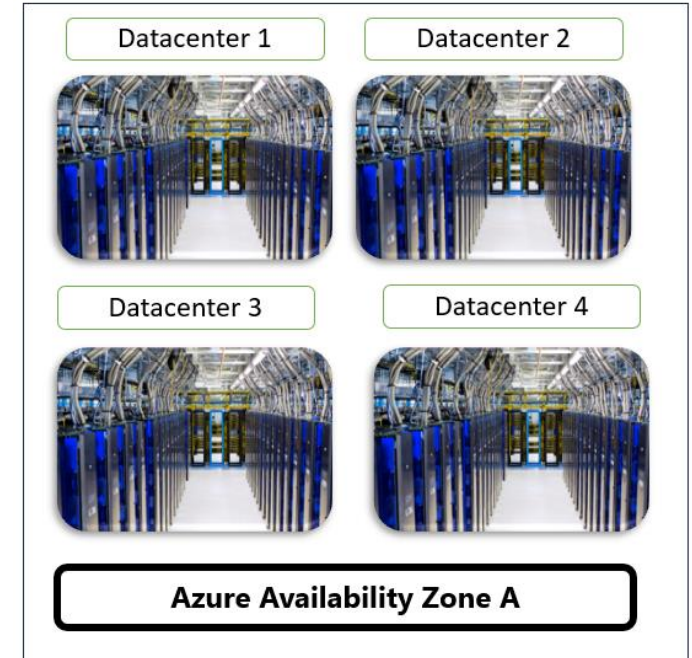
- ✓ Starting point for Azure physical infrastructure
- ✓ Same as large corporate datacenters
- ✓ Azure has datacenters around the world
- ✓ Directly not accessible ✓



Azure Datacenters & Availability Zones

Azure Availability Zones

- ✓ High-availability offerings provided by Microsoft Azure
- ✓ Unique physical locations within an Azure region
- ✓ Connected through a high-speed, low-latency network
- ✓ You get option to choose availability zone for resources



Azure Datacenters & Availability Zones

Redundancy

Designed to be isolated from failures in other zones

Fault Tolerance

Distributed resources across multiple Availability Zones

Data Replication

Data within Availability Zones is automatically replicated

High Availability SLA

SLA of 99.99% for VMs and 99.95% for other services deployed in AZ

Load Balancing

Traffic Manager and Load Balancer can be used to distribute incoming traffic

Disaster Recovery

AZs can be leveraged for disaster recovery scenarios

