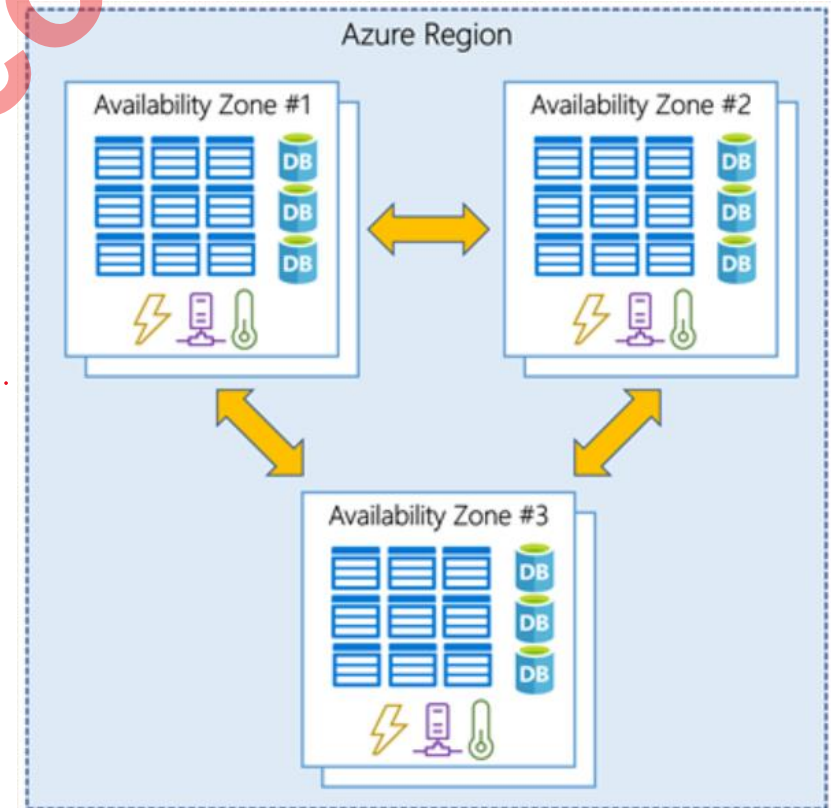# Azure Regions

- ✓ Contains at least one or more Availability Zones

- ✓ You'll often choose the region when creating resources

- ✓ Some services are only available in certain regions

- ✓ Some global Azure services that don't require you to select a region

- ✓ Multiple availability zones in all availability zone-enabled regions but not all Regions currently support Availability Zones

- ✓ 60+ Regions and still growing ✅

Azure Region Pair

- ✓ Most Azure regions are paired with another region

- ✓ Allows for the replication of resources across a geography

- ✓ Not all Azure services automatically replicate data or automatically fall back from a failed region

- ✓ If a huge Azure outage occurs, one region out of every pair is prioritized to make it up & running

- ✓ Planned Azure updates are rolled out to paired regions one region at a time

- ✓ Data continues to reside within the same geography

- ✓ Examples - West US paired with East US ✅