

Multi-AZ:

Multi-AZ stands for Multiple Availability Zones

- Also known as **High Availability**

Availability Zone

- An isolated, distinct data center in the same region
- Connected via a low-latency link

Multi-AZ provides an **enterprise grade, fault tolerant solution.**

- Leverages another Availability Zone for a secondary host
- Primary host is replicated to a secondary host.



Secondary host will not improve the performance of your Database Instance.

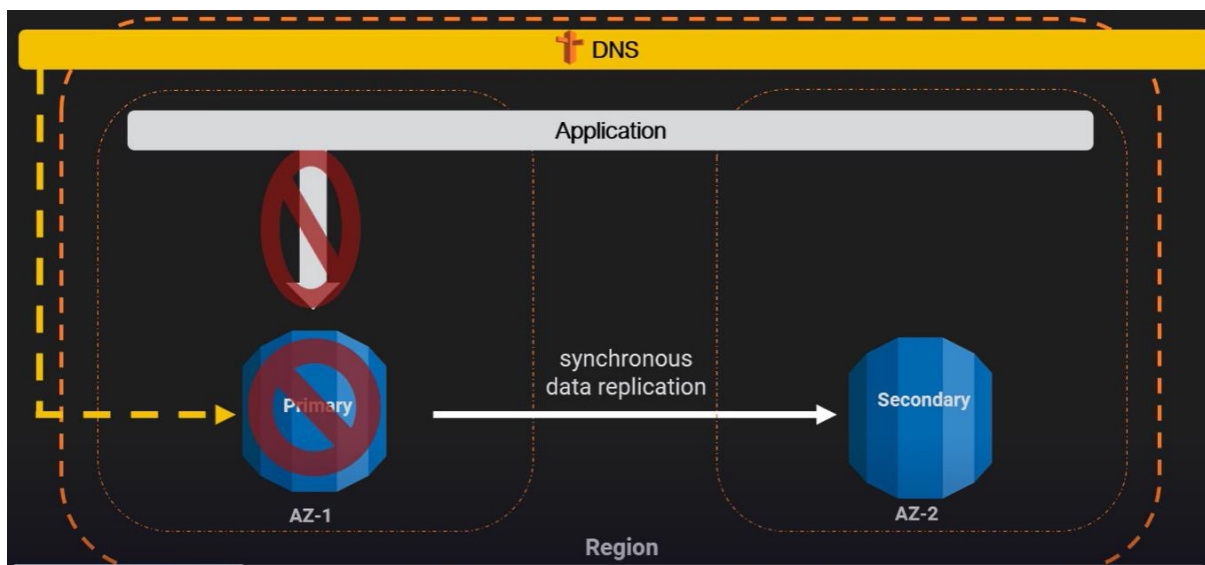


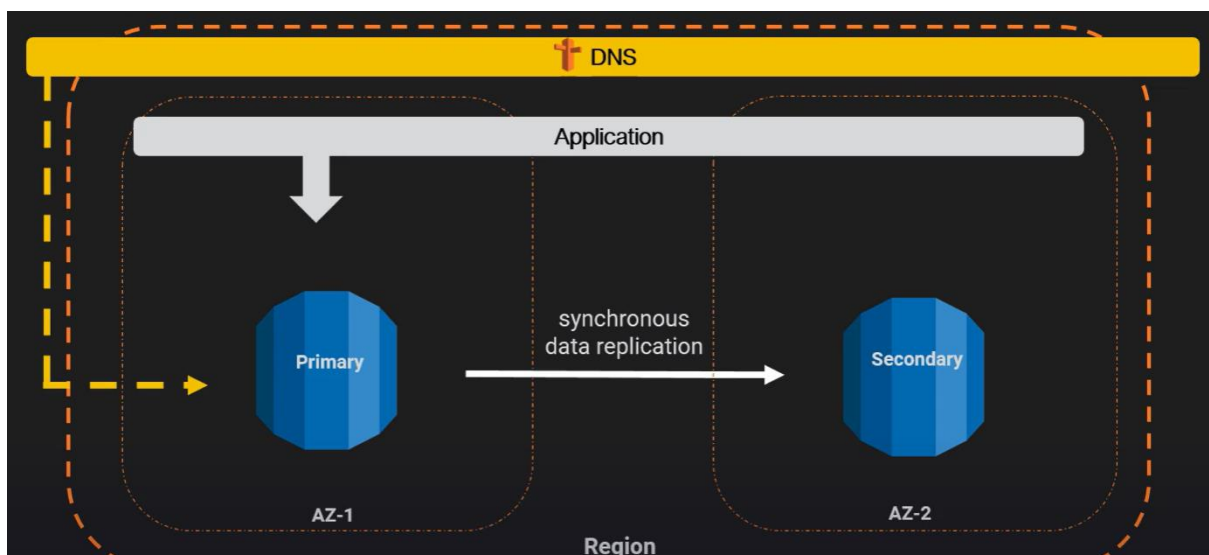
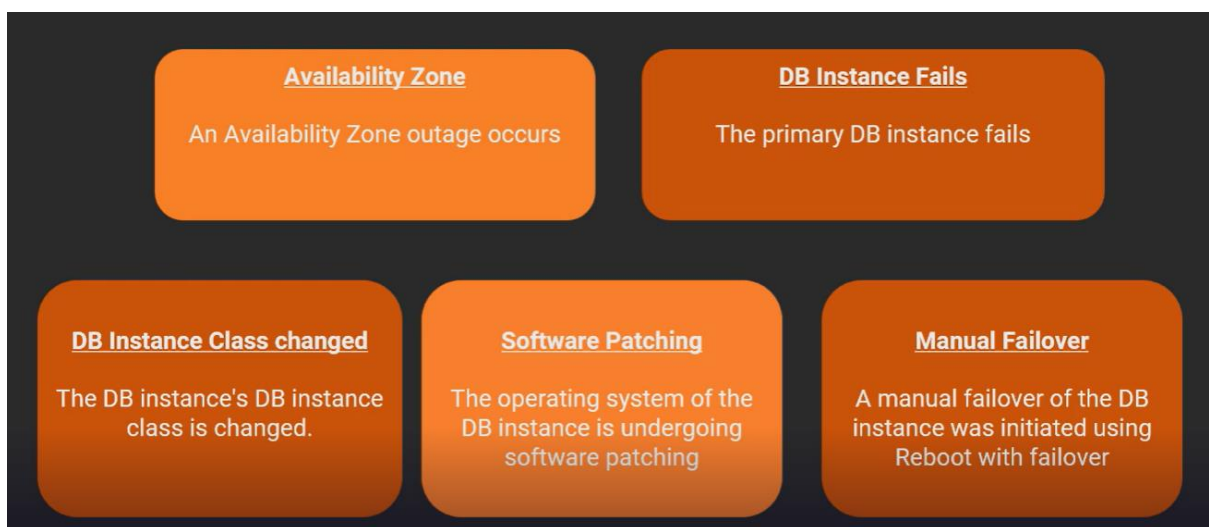
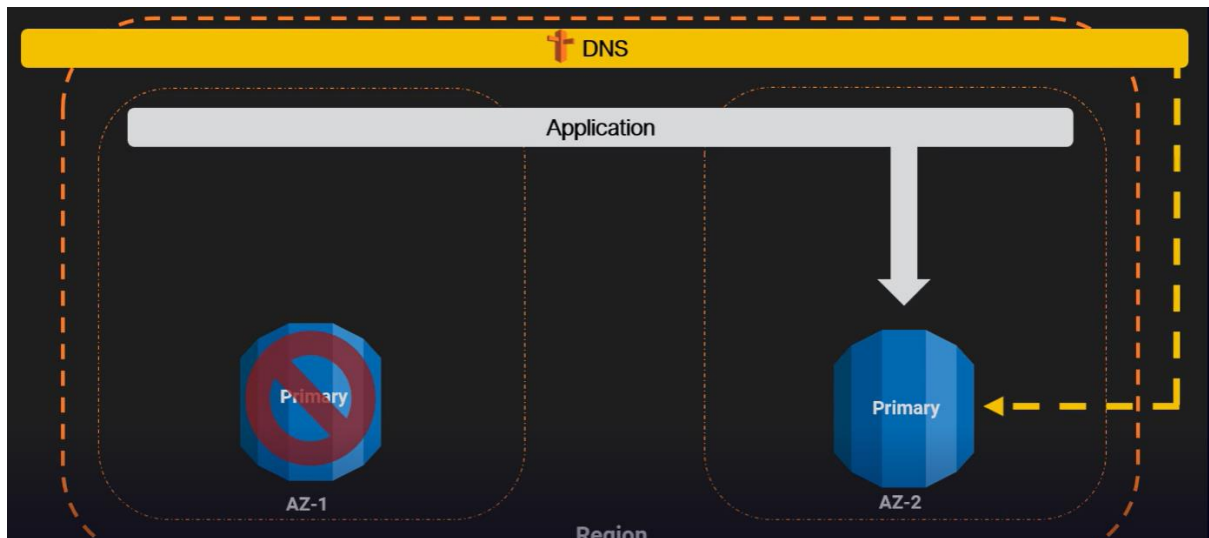
- Secondary host does **not** handle active write traffic.
- Used for failover scenarios
- Writes to a Multi-AZ Database Instance are slightly slower

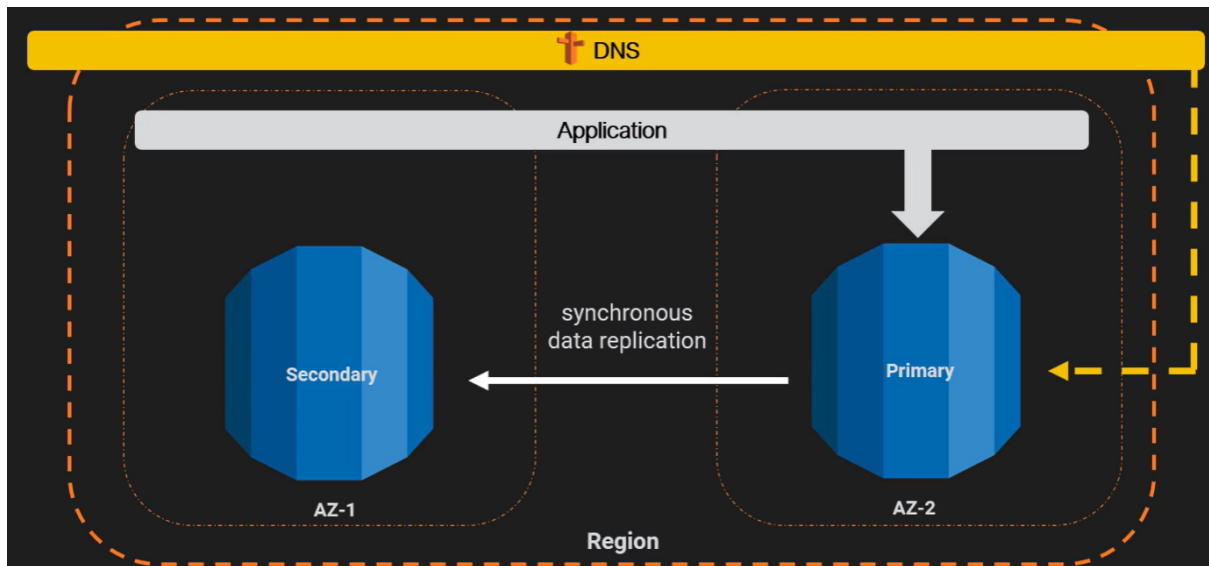
Twice the cost of Single AZ configuration

Improves Backups

Next lesson







Failover takes between 1 – 2 minutes typically:

- Additional time to start new hosts for secondary

Beware of DNS caching:

- Time to Live properties should be respected.
- Best to test your application
- Reboot with failover option in Console