

Expected Learning Outcomes

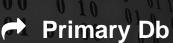


- RDS Multi AZ Deployments
- → RDS Automatic Failover
- → Read Replicas









→ Hot Standby

Secondary AZ

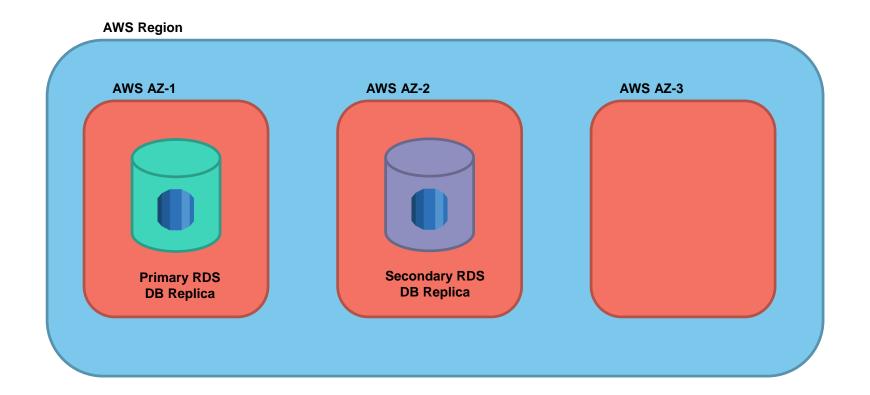
Synchronous Replication

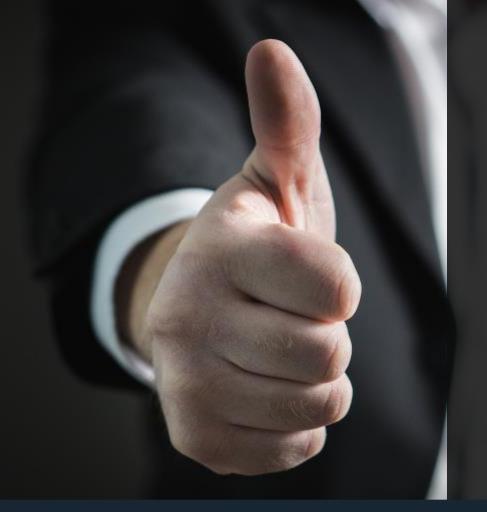




AWS RDS High Availability (Multi-AZ)









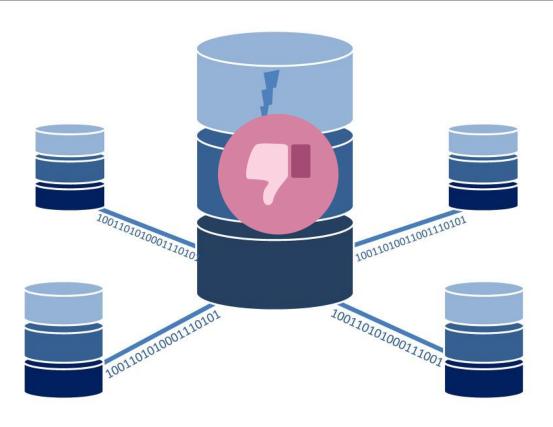
- Durable
- Highly Available
- → Low Overhead



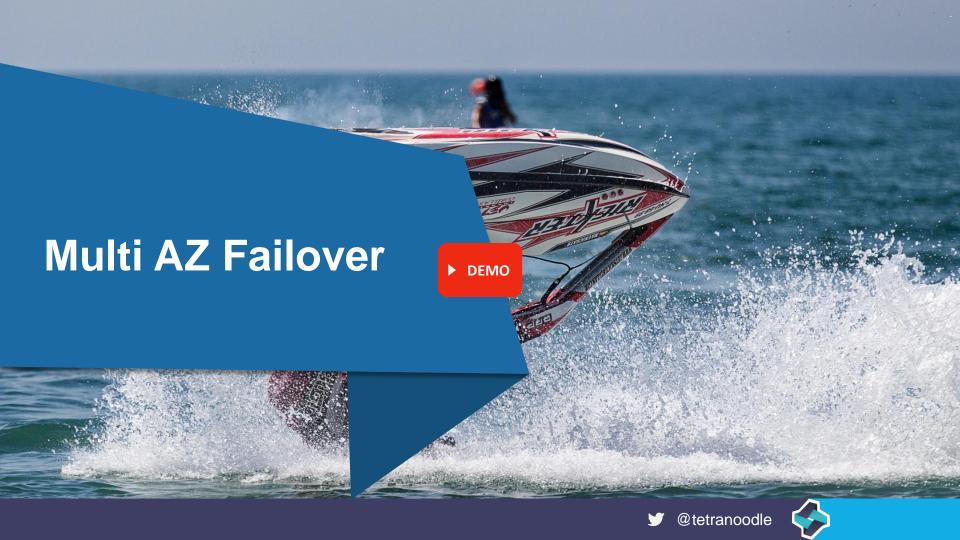


Multi-AZ Failover Conditions





- → Loss Of Primary AZ
- → Loss Of Network
- → Compute Failure









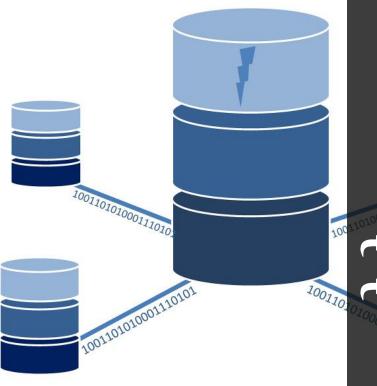














- High Availability
- High Availability









Recap **AWS RDS**



- **→** RDS Multi AZ Deployments
- → RDS Automatic Failover
- → Read Replicas