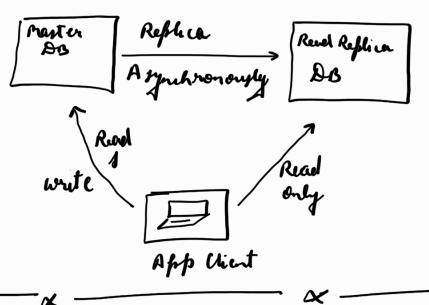
## AWJ-103 Arazon RDJ Service - Types of doctoberes brunce by Anss -> RDJ - Relational Detabase France -> Dynamo -> No Igh Data Gase formu - Flastilache - In-memory cache - Red Hift - Data Ware house - diviour - my for - compatible relational cleta base with 5x performance. - Amazon ROI Berefits - Imple and fart to deploy - Fast and predictable performance - My for, postque for, Oracle, for berners are available under Ros

- Pay only when you use the fermice

-> Patchery, Backup and Replication are handled by AWS - finfle and Fast to fiale

- A W of Ros Data Base Engines (Remember)
- ry for
- Port gred ga
- Maria DB
- oracle
- Amazon durora
→ Micropoft for ferner
$\rightarrow M01^{e}$
Amazon ROS promides high anailability and failoner sufferent
for DB instances by maintaining asymptronous starelby reflect
for DB instances by maintaining asymphronous starelby reflect in Multi-Analobility Zone deployments.
→ This stand by reflice is from cled in elifferent analiability
70ml x x x x x x
-> Read Replica
- It is copy of master database which reflects changes done to the
report mark origine
-> Whenever, the source DB orstance is updated the corresponding Rud
regular is with years all was appropriationous refshicution method
the regula selong only read connections
-> The Marter DB metshot is taken min Read Replien (or Have DB)
Data Berkup without affecting master db ferner



NOTE: Always go with these features in ROS.

- Multi-AZ deployment
- -> Promposel TOPS Morage
- Make a read replice of master DB also, to use it for reporting harden on BILD . I all

\* reporting purpose or BI (Business Itelligence) tools

- → Multi A-Z nears > Multi Anailability Zones
  - → only purpose of Multi-AZ is to promile a failoner option for a francey RDS instance
  - Replication of data happens synchronously.
  - \* In the failoner process, RDS updates DNS record to foint to feondary enstance within 60-120 peonds
- -> for Lever Mirroring
  - -> 10h Lerner Multi-AZ is achieved through the use of fol

temer			
	mirro	Yung	
		-A	

-> Both prinary and secondary instance in 102 semer mirroring use the same End point.

-> Read Replicas

- Read replica are MOT used as swandary instance in the event of failoner
- → Read replice are used to serve read only access to your database data ma separate ustame.
- → Reed replicas are only available for My for, Maria DB, and Postgre for DB engines

Note: DR ⇒ Dyaster Rewnery