A	genda
	What
0.1	Adua

- is a moweith.
- 2) Advantages & Disadvantages of
- 3) What is a Microservice.
- Advantages & Disadvantages of a Microservice. Communication blu Microservices.
- 6) When to use Monolith vs Microservice.

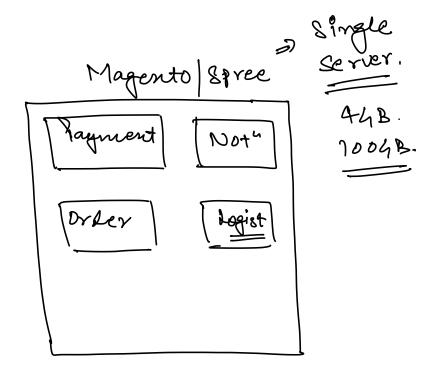
Sachin.	Shipkart.com
2008.0	

=> bcommerce.

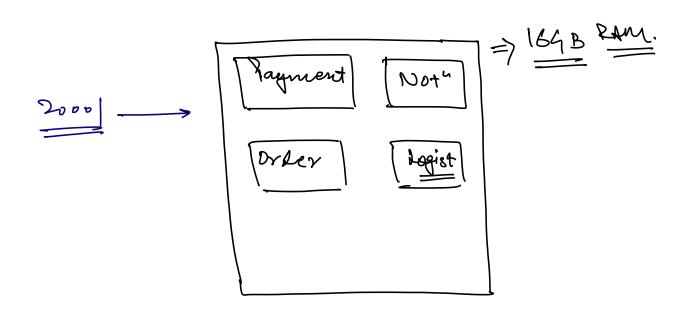
=> framenosks.

ROR: Spree. 2008.

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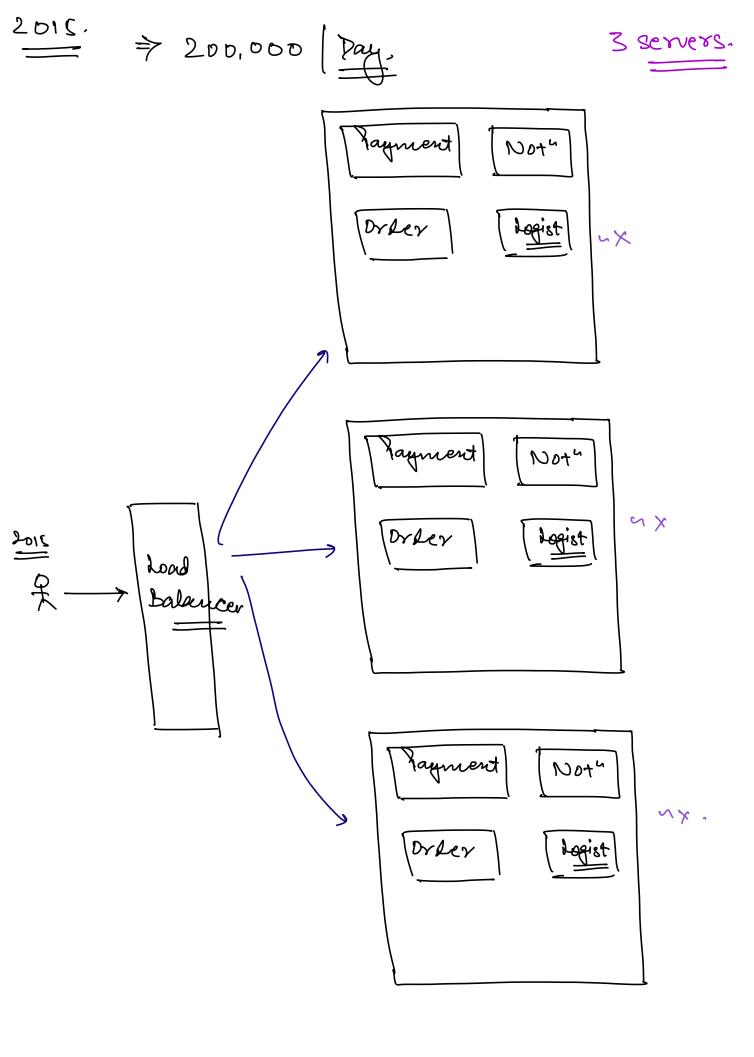
=> 2010. -> 2000 orders/Day.

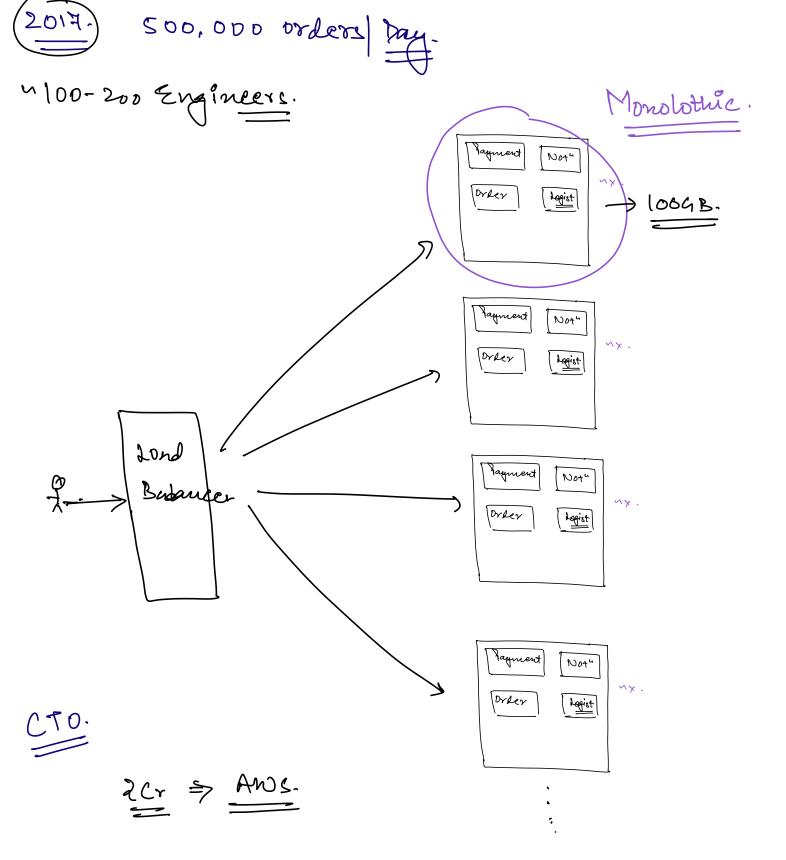


2013.

20000 orders Day

⇒ 20-30. Engineers.



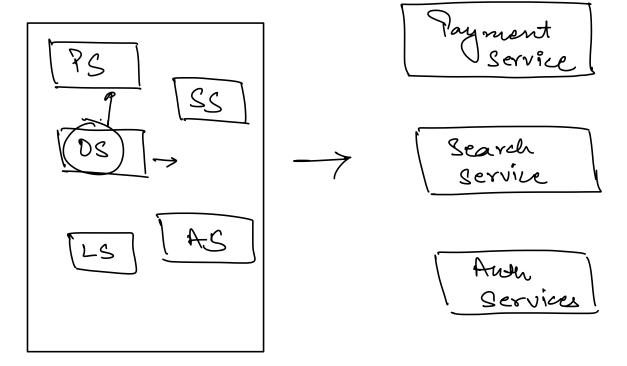


Ver	otical Scaling			
う	We increased the Can't be done inf	capacity initely	ef Sarn	e mc.
4	Add more servers Can be done infi			
			· · ~	
→	We aven't utilising Payment Service Antuservice	the re	Lources	efficiently—
	Order Service. Search Service			

Payment Service of Low Scale Moderate Civ.
Search Service => trigh Scale 2 64 Cores - 128 GB Rom.
Authentication. => tigh Scale 2 cores Less CPO. 64B FAM.
> Selective Scaling.
Advantages & PisAdvantages of Monolitu.
Advantages:
1) Single Peplognient.
2) E2E testing is easy.
3) kary to debrig
4) Single team.

Pis Advantages: A small issue can make the cutive system down. > Tight Confling > No tech stack feasibility 7 High Perloyment time. SCALEL. > Video Streaming Service = 9 PM -MAF - Assignment Service -4) Auth Service (100)servers 30500000 15 9 Pm 12: AM MALI am

	CROSERVICE					
~	Instead of application	having into in	only one dividual	compone	split nts.	our
	Each compo					



The mosk. done.

Order Service L

Outorderlaced() (

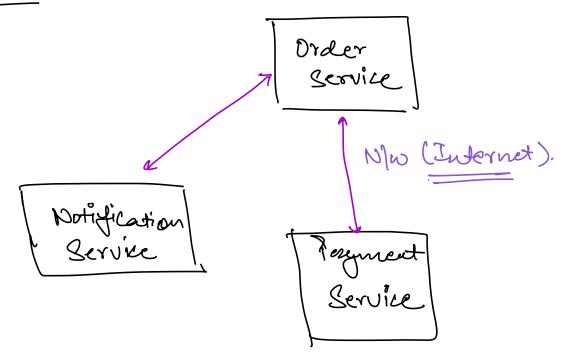
Notif Service

Payment Service

Logistic =

3

=> Micoservices.



Order Service (

an Order Service (

[HTTP.]

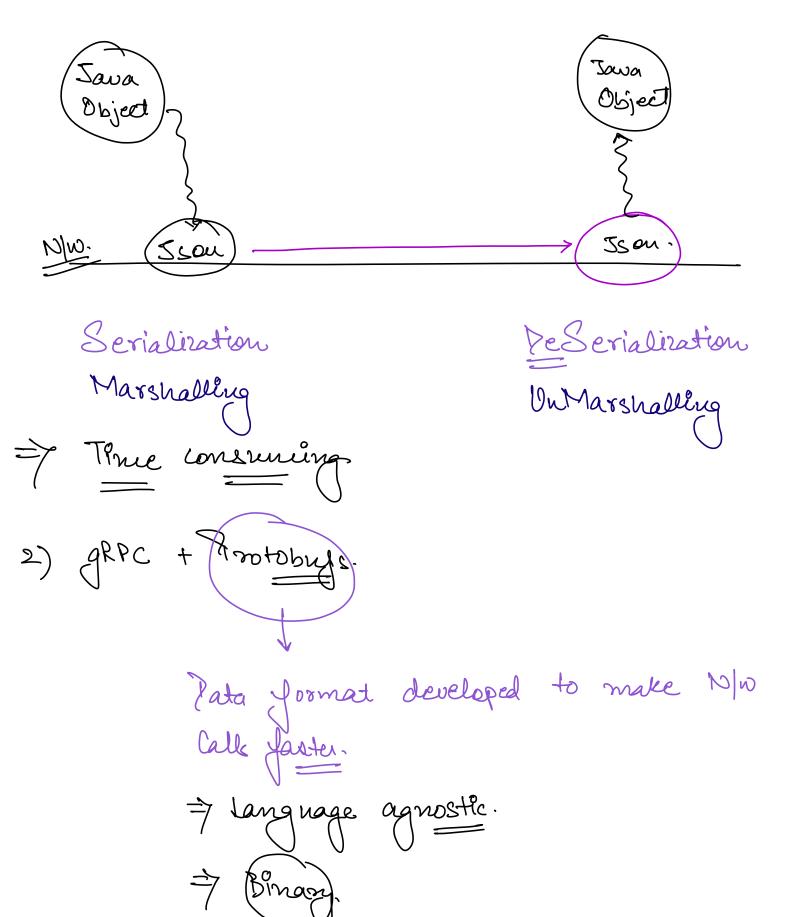
Authentication

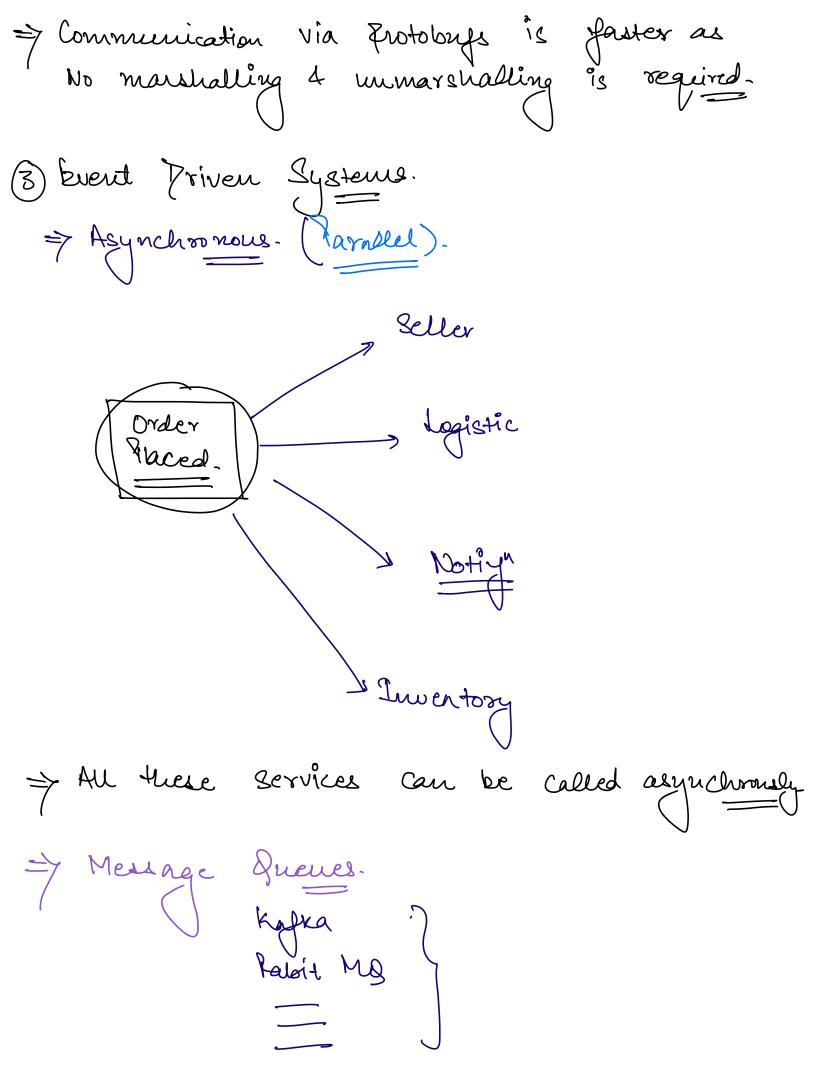
Service.

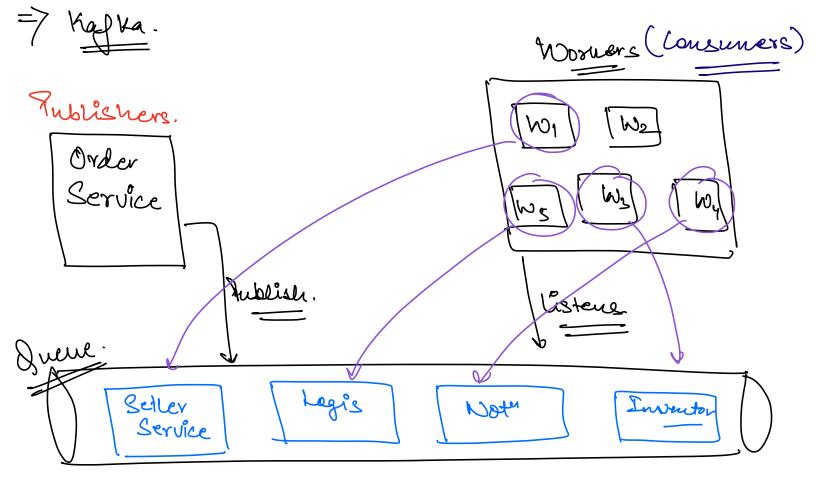
Provent Service.

Advantages	& PisAdwan	utages e	Microservices-
	ace fleribi	Lity.	
3) Selection	reployments. ve scaling onboarding	of new	Engineers.
Dis Advanta	gcs.		
2) High Mo	teame. laterry because calle.	re et	
3) B2E	Lesting.		

=> Communication b/w Microservices.
T) HILL
2) gRPC + Protobups 3) Event Vriven Systems.
=> (41778)
N/w Java-
Order Service Tesponse (330N) Rayment Revuice
JSON => Ney value. Doject.
"Desc":
<u></u>
-> Easily readable







> Publub Model.