

New Section 1 Page 1

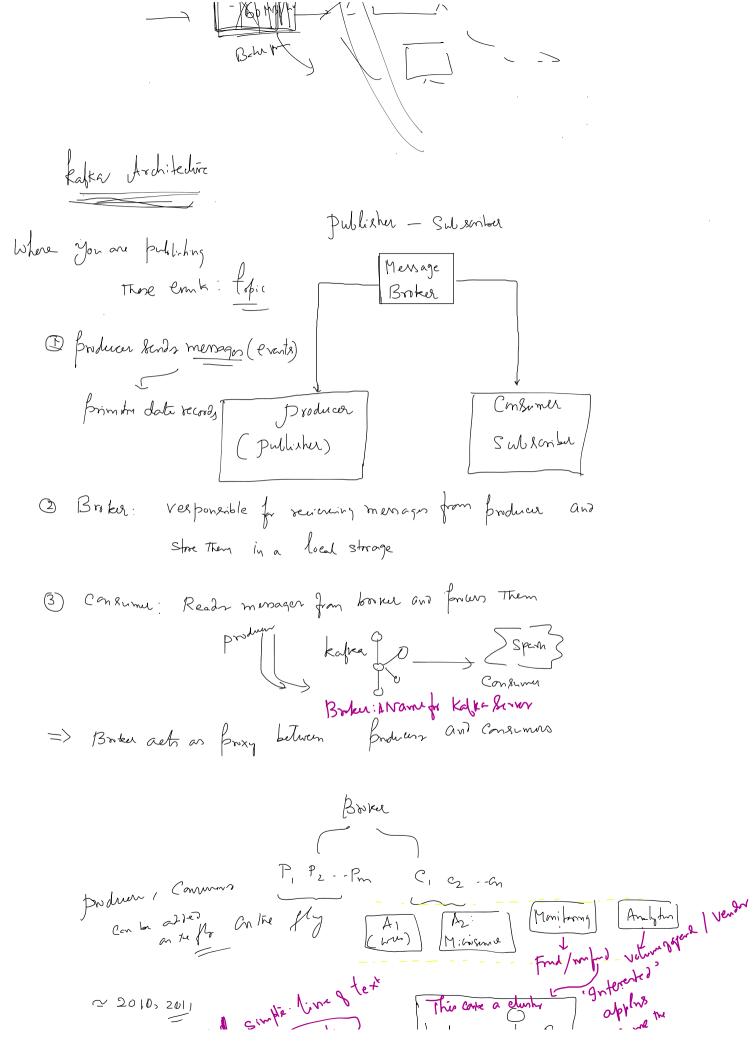
Manage Try thompats with collation pruning

Ri << Rp (rose: mmitring un caus: atmost once-Ingeneral)

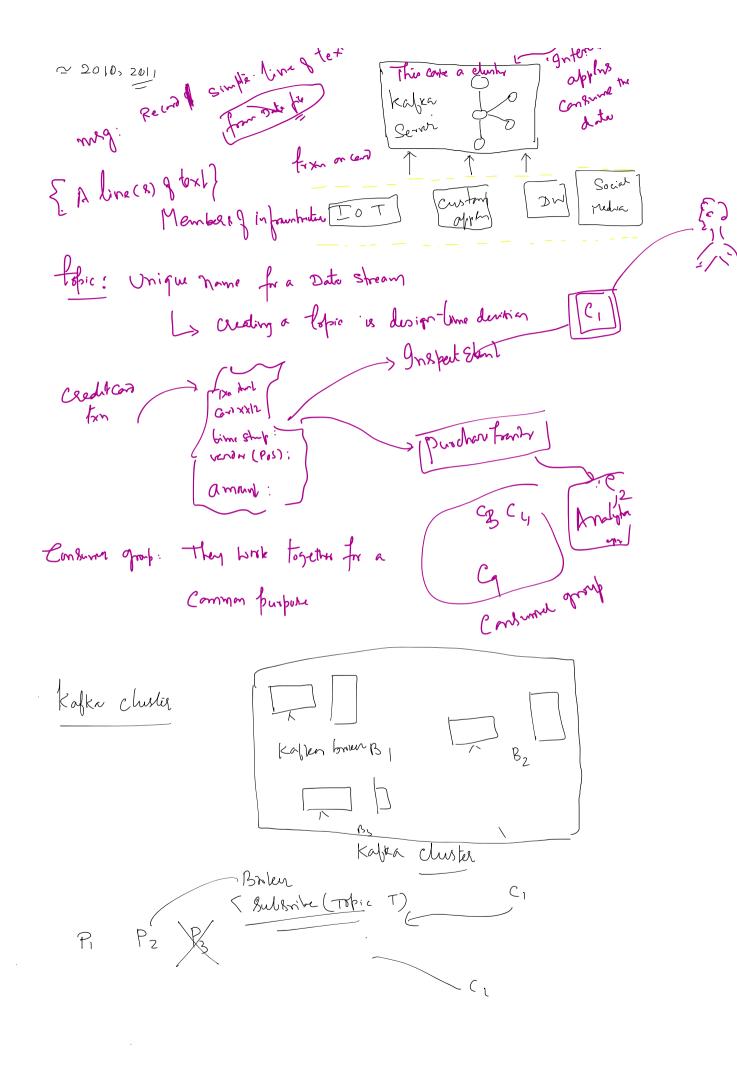
Ri > Rp (Back premu bollum)

Pi >> Pp (most comma)

FIXNID amon-Natury to do win Pol Dofine a Scheme b) date from [true sty] - date ['link']. astyl Emnal 6×10, KB (P: - Ph = 100 my/min



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New Section 1 Page

Broken is responsible for string in low store

Break The topic into multiple smaller batts and distribute it are multiple computer in Kater cluster bothtom

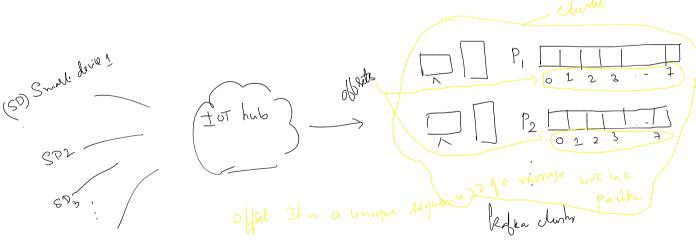
Boatition: The Smaller unit sitting on a simple machine

Present Present Proton of a lopic

No available of events across The partitions

No of partition in a topic is a design decision

Live?



of It will be automatically arrown by the booker to every muriage as it sooiers in the parties

Smoneyer are stored in a partier or appeared
Offstad is alrived order number for mag

Topic Name -> packtion -> packtion number -> off not number -> off not number -> * Backhan is orted for Scalabolity

Estimate for number of partitions

Number of fartham (N) = max & Np. Ne}

Max. Through pull produce brother my into Single partien

 $\mathcal{N}_{p} = \frac{\mathcal{T}_{k}}{\mathcal{T}_{k}}$

Ne = Te - Total System: Thoughpul
Te - Max Throughpul & Candumus reading a may from a Single parktion