

least lecent used s LRV least frequently used & LFV CACHE POLICY suppose ou cache is already filled C with anost frequently requested query. C ie povie release news 6 Then some of the data from cache needs to be kicked 69 out in order to add new date. 6 by using - IFU > kickedow LRU > per inserted in alb. DRAWBACKS 1) trashing - when system spends more time on non productive C task rather than on productive task Trache di, de de cache hase only à lec tostore C C seiner oms Bl C d1, d2, d3, d1 C now user elequests for d3, first it were check on C C cache then it will prous the great in cache it tooks sesult I as do was not present in cache it tooks sesult I as do was sooste & lime throshy cache then it will prous the guerry & give is time consuming of them inserting the previolated Eventual consistency Eg cache is applate of every one hove, our db st cache clase are same at this pt & Lolikes Inyt) -> now there is & update in data within 5 min eq no of youtube likes got encreased in 5 poin -> Now our db is having actual likes of cache is

having the old data lie data is not updated)

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here we can see false data and true data is only seen 3 3 after one hourin case of transaction user donot wants twice fabe data of this cache updates is dependent on the policy that we use. 13 Where is cache memory storad. Touch black box it has acknowly ideally as cache & is present Globally, inside db, inside Serve independent in memory ache 0 ideal cache to choose in Global cache

as it can scale independently (kabhi bhi kitha bhi bada

kar sakte har) O 3 kar sakte har) 0 If we change also of cache, then there is no need to redeply the code on servers is deployment is independent 0 3 -> Multiple servers can use the same cache cusing same 3 logic & executing query) that was executed earlied by some other server 3 Eg brothe asks 15 squall one morning of it will false às some les of he asks same un equeig we coordat be able to sesponse quickly