

of the database

Q2	Liver Angillane mi Burdha Jan de Cel Work .
	Data replication is the process of storing data
	in musie than one site or node. It is useful
	in improving the availability of data. It is simply
	copying data jaom a database from one server
	to another server so that all the users can share
41-44	the same data without inconsistency. The result
· Arotal	is a distributed database in which users ear
	access data relevent to their tasks without
3,112	interpering with the work of others was
7.20	distribution in many broken statements and in the
	Types of data repuication:
	- transactional replication
) A	= snapshot replication - sold to Antique
1711 L 729	- Merge replication
x	U '
	Types of replication schemas:
1	· Full replication de la
	No replicational landosidado allocatro
*,17	· Partial replication
1.1376	Colodo Paro est. The colded to be served do to
	PARTIAL REPLICATION: A partially replicated detabase
	distributed database replicates some ox all the
·	tables on only a number of nodes of the system. That means that each node has a partial copy
	That means that each node has a partial copy
a 2	of the database making it more complem for query
il Orland	processing than in the case of jull replication. Failure of a node in partial replication has minimal effect on the operation of the database
- John A.	Failure of a node in partial replication has
# 1 mg/m = 1	minimal effect on the operation of the database

minimal effect

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jor users that wish to use the failed node.

Furthermore, partial replication sequires more

storage than a system with no replication,

the disadvantage of a partially replicated

database is that updates are empensive and

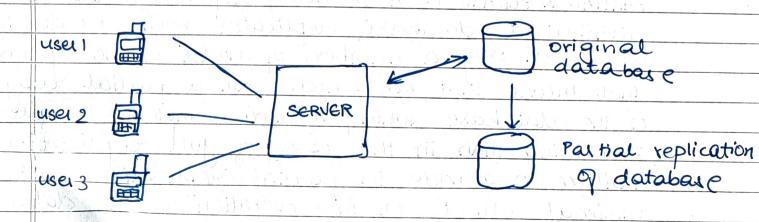
so is transaction management and concurrency

authough it is better than jully replicated diatabase

ADVANTAGE: the number of steptical created for fragments depend upon the importance of data in that fragment

emplem and need to be covered out properly.

example: In an company, the sales team, jinancial planners and claims adjusters carry partially replicated detabases with them on labrops and mobile phones and sync them periodically with the server database.



Sundaram

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