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3) Multi - DBMS auditedme

Client Server

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Semantic data Contritue

Semantic data Contritue

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OS Query optimize

Transaction newsge interface

Recovery namager

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Database

Peu to Peron Ges, LCS, LCS, LESn LIS, LIS, LISA Colobal Conceptual Schema: Cilobal logical view of the data local conceptual Scheme! Logical data organization at each site Local interal 8 chema: physical data
organization at

each site

External schema: User view of the data.

DOM5

Componerts 2000ms _/_
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use commands, formalting
the results
Semantic data Controller : Ver integrity
constaints, autorizations as part
Semantic data Controller: Uses integrity Constaints, autorizations as part of global conceptual 8 chema.
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an execution shategy, translates
an execution shategy, translates global guny to local ones.
Distributed executron nanega.
Coordinates the distributed execution
of the uses request.
Local gung ophimizer: - Choose sess acen path to data.
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local recovery manager: - Cocal daturance is comistent.
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Run-time support procurar: acemes
Contains databoxes buffer.

Advantages of DDBMS
J Distributed organisational unit > Need for showing data > Database recovery (Data replication)
Modular development More reliable Better response Tower Communication Cot
Need for complex and expensive softwares.
-> Procenting overhead -> Data Entegrity -> Improper data distribution