Amit Gusaun 1918203 sec-K Data sa

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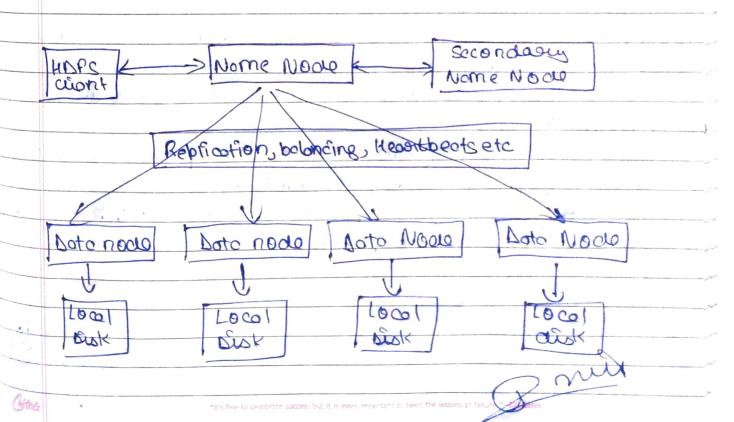
Hodoop Fundamental.

ans a HDPS is a distaributed file system that handles lagged date sets anuming on commodity handware. It is used to scale a single Apoche Haddop cluster to hundreds (and even thousands) of nodes.

Haddop File System was developed using distributed file system design. It is sun on commodity handware unlike other distributed system, HDPS is highly built tolerant and designed using low-cost handware.

HDFS holds very large amount of data and provide easier access to storose such huge data the files are storod accords multiple machines these files are storod in oredunable faction to rescue the sustem from possible data losses in case of failure.

Asichitecture of MDES



Features of MDRS: supposed but asoftent promunos a reprised decipe of the control of asoftent promunos a reprised deciped C with HDAS. The built in server of nome node and date node help upons to easily check the status of dute. -> Storoaming occess to file system dolo. -> MDPs perovides file beamission and authentication MDPS has following combonent: Nomenode ? The nomenode is the commodity hased wave that contains anullinum abouting system and the name node software for every pode in a duster the were will be a dotonodo. It does following tasks? -> monges the file system nomes pace > Regulates clients occess to files -> It also enecutes ful system operation. boto nodo ? The doto rodo is o commo dity hardware having GRUVI Linux as and deterrode software. Those nodes moneges the date storage of their system. no vioito eado sirem-boare marbead rabanotos es the felo system is poor client orequirent > They also begins operation such as black oreation doletion and replication.

Chitra