HYUNDAL Date: The default block size in hadoop, Ich is 128 mb, may seem small compared traditional file system. Effecient Distributed Processing > Hadoop is designed for d longe and processing up large datase luster of commodity hardware. smaller Isl, Hadoop. and process data more efficiently across multiple nodes on the cluster. 2) Reduced Data Loss - In a distributed envisionent, the chances of node ilure increases, and smaller block izes reduces the sm amount of loss in ase of node failure. 3). Optimized Drsk I/O + smaller block Size can lead to better disk I/O performance especially on systems with smaller disk Ps because smaller & underlying storage devices block Size ACCEPT YOURSELF, LOVE YOURSELF, AND KEEP MOVING FORWARD. - ROY BENNETT

A HYUND Date: yes, you can change the supplicate of files in w Hadoop. Replication factor: - The replication factor determines how many copi the Hadoop cluster. By default, Hadoo suplicates data there times. We can change this replication factor at the 3 "- Teplecation' In hadoop fo - put 2) Block Size - Hadoop divides large fill into smaller blocks, and the default block size in hadoop is 128 Mb.

Creating a file using 'bdgs. block size when 'bdgs. block size in 'hadoop fs-D'.

AHYUNDAI A Hadoop is designed to be fault-tolerst premarily through two key mechanism Data replication 2) Job Kecovery. In hadoop's distributed nodes in a cluster suplicates data across thrile nodes. This explication ensures that even or two nodes fail, the data remain accessible from other nodes where et's replicated. 2.) Hadoop's processing branework, Mapreduce, when a node sunning a part of a Hadoop one executes the Matheduce job fails, fail task on another available node. Hadoop keeps track of the progress of each task, so et a node fails before completting its assigned task, Hadoop can seassign the task to another node without starting the entire job from scratch. PERSISTENCE IS THE ABILITY TO KEEP MOVING FORWARD IN SPITE OF DIFFICULTIES. - BYRON PULSIFER