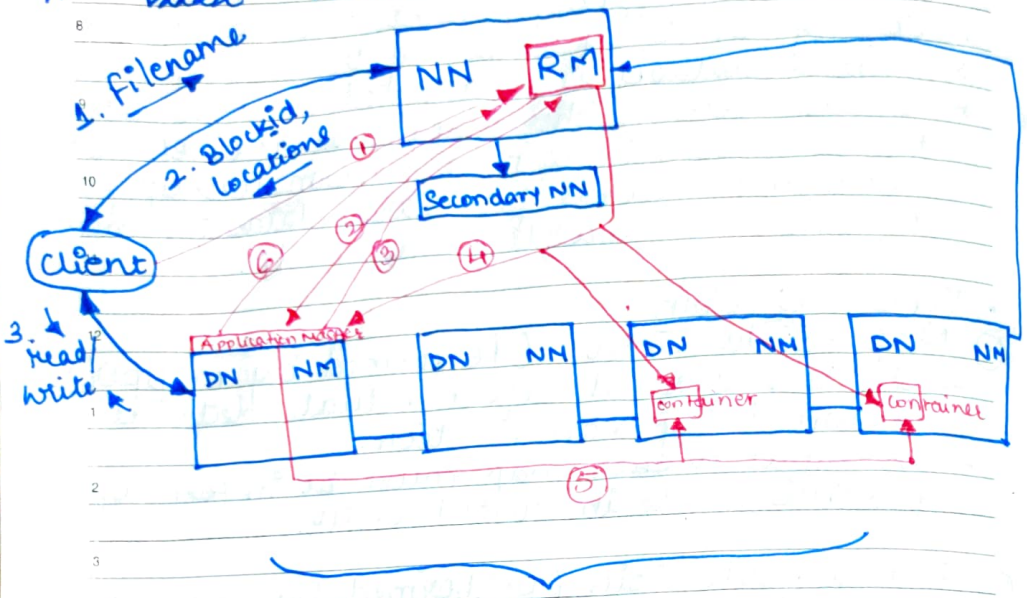
★ ~~Blue~~ HDFS AND YARN for MR Job.



Blue → HDFS (R|W) slave
Red → YARN (MR).

Blue Write
1. Client communicates with namenode for metadata
2. The NN responds with no. of blocks, locations, replica to client.
3. Client interacts with DN and writes file one by one and loads the replicas too.
4. After completion DN will send write confirmation to NN.

Read
1. Client communicates with NN for metadata.
2. The NN responds with locations of DN containing blocks to client.

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