

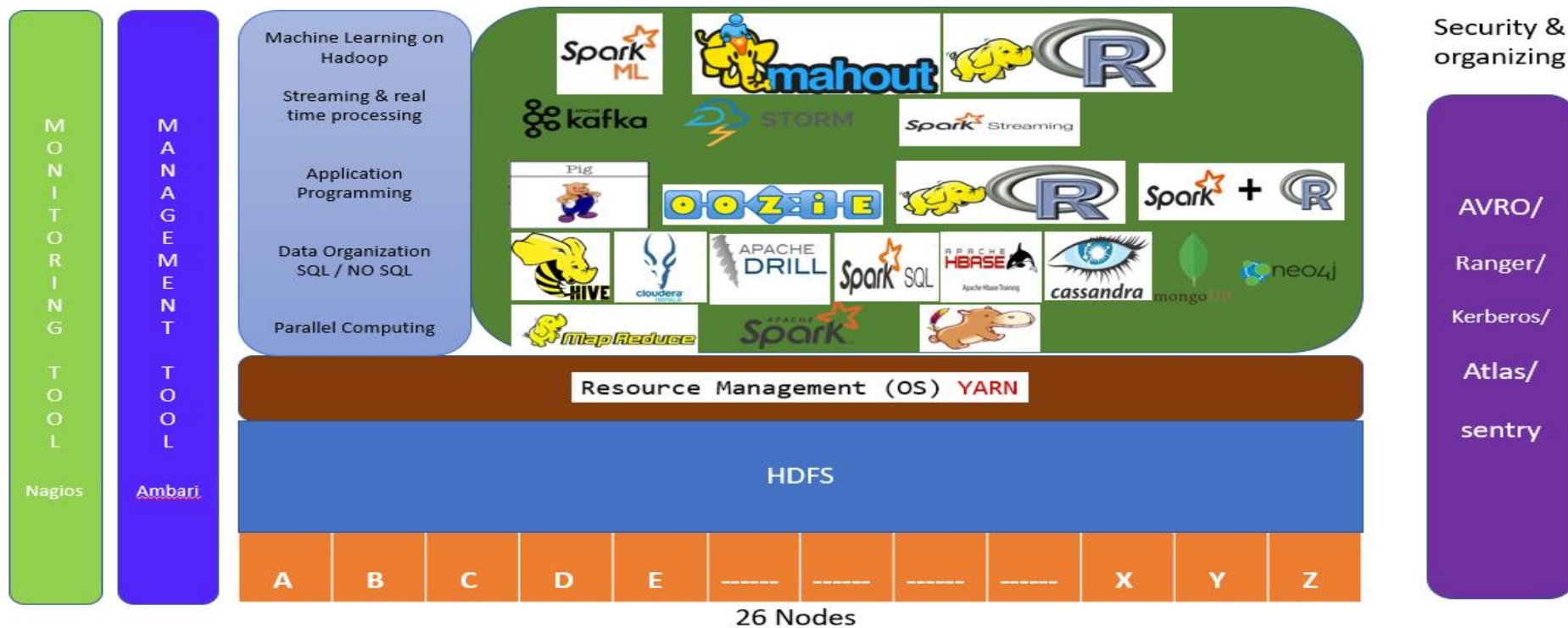


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Cluster Introduction

Nov 30th - 2019

Cluster Introduction



Cluster Configuration:

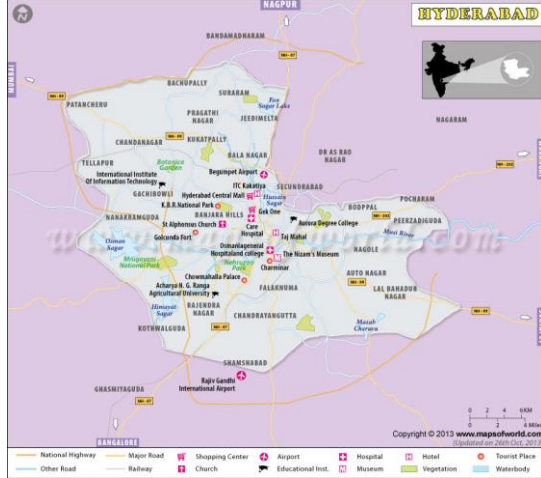
- 2 Namenodes with failover setup, 128 GB Ram, 8 Core processor, 500 GB HDD each.
- 24 Datanodes with 64 GB Ram, 8 Core processor, 500 GB HDD each.
- 1 MySQL Server on each node, with 64 GB Ram, 8 Core processor, 100GB HDD.
- 1 Login node (Load Balancer) with 64 GB Ram, 8 Core processor, 500 GB HDD each. Users will login from this and redirect to one of the datanodes in Round Robin method.
- 1 Ambari Node with 64 GB Ram, 8 Core processor, 500 GB HDD. This will give admin access to manage the Hadoop cluster.

Hadoop Eco System components / Software Stack:

- Hadoop Distribution: HDP 2.6
- HDFS, YARN, Mapreduce2, Tez, Hive, Hbase, Pig, Sqoop, Oozie, Zookeeper, Storm, Flume, Accumulo, Ambari Infra, Ambari Metrics, Atlas, Kafka, Knox, Log Search, Spark2, Zeppelin, Jupiter Notebook, Mahout, Slider.
- HUE
- MySQL

Login Details

- 1) Login Credentials have been sent to your registered email id's with INSOFE.
- 2) Login URL: <http://172.16.0.207:9999>
- 3) UserName: 1234B75 (Enroll ID<BID>)
- 4) Password: *****



HYDERABAD

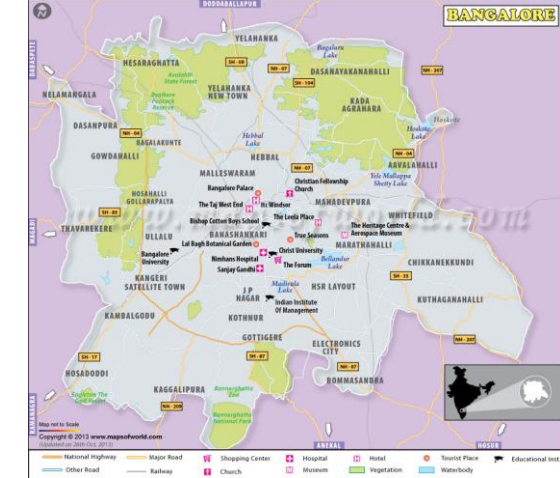
Office and Classrooms

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