Training Plan : Big Data Infrastructure Administration
(with main focus on MAPR Distribution)

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1. Linux Basics

First candidate need to spend a few days(atleast 2) on learning/refreshing knowledge on Linux. That include linux from beginner level to intermediate. If you master it Hadoop commands are easy to understand

Basically there are 20 commands and you should know the key options in each command.

Need to know
- What is SU,SSH etc.
- What is host name, Ping,telnet and Port
- grep,chmod and chown

Video Tutorials:

https://www.youtube.com/watch?v=TwPxjldzcjo

https://www.youtube.com/watch?v=xRX6ZI_PLA&list=PLckPQEKYlbxebubMWdjcGR7K_ukm35ZjN

2. What is hadoop and Big Data

Video Tutorials:

https://www.youtube.com/watch?v=xWgdny19yQ4

https://www.youtube.com/watch?v=cA2btTHKPMY

https://www.youtube.com/watch?v=jA7kYyHKeX8

https://www.youtube.com/watch?v=5cle0xSdrtU

https://www.youtube.com/watch?v=Pq3OyQO-l3E

https://www.youtube.com/watch?v=xYnS9PQRXTg

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3. What are different distrubtion of Hadoop and what are the key difference

Video Tutorials:

Its must to understand the difference

https://www.youtube.com/watch?v=WRfMrwyniqQ

https://www.youtube.com/watch?v=zjdN3IxUh6A

4. What are key components of hadoop

Video Tutorial:

https://www.youtube.com/watch?v=kRnh3WpcKXo

Need to drill and understand each components

Video Tutorials:

https://www.youtube.com/watch?v=y05J_pKD47c

https://www.youtube.com/watch?v=DLutRT6K2rM

https://www.youtube.com/watch?v=D0n90c4cjD8

There are more videos available on Youtube

5. HDFS file system

Video Tutorials:

https://www.youtube.com/watch?v=DLutRT6K2rM

https://www.youtube.com/watch?v=oBqju4ZkD58

6. Difference between MAPRFS and HDFS

Video Tutorials:

https://www.youtube.com/watch?v=yN82oYSvBZo

There are more videos available on Youtube

7. Map Reduce steps

Video Tutorials:

https://www.youtube.com/watch?v=6OemZEJdMp8

https://www.youtube.com/watch?v=7FcMhTTG1Cs

https://www.youtube.com/watch?v=pDGLe4CsrhY

https://www.youtube.com/watch?v=9h_WLsmRfFM

https://www.youtube.com/watch?v=iiIDZTpdcuU

https://www.youtube.com/watch?v=1aen3JsxkuM

8. Yarn Resource Manager

Video Tutorials:

https://www.youtube.com/watch?v=nmaA5_d4E8c

https://www.youtube.com/watch?v=HHv2pkIJjR0

https://www.youtube.com/watch?v=Q705X5WMmR0

9. Install Hbase and Configure

Video Tutorials:

https://www.youtube.com/watch?v=m1jjMBpS6Hs

https://www.youtube.com/watch?v=NOX6-nDtrFQ

https://www.youtube.com/watch?v=C3ilG2-tIn0

https://www.youtube.com/channel/UCu2wrn3fLib71acySgi5Htw

https://www.youtube.com/watch?v=VEmy3I5eq74

10. Install Hive and Configure

Need to know the differences between HBase and Hive

Video Tutorials:

https://www.youtube.com/watch?v=9hg73PCuTDc

https://www.youtube.com/watch?v=qsmp3Tow3P8

https://www.youtube.com/watch?v=S9gayMuWd4M

https://www.youtube.com/watch?v=FmZl1p7QLbU

11. Pig

Video Tutorials:

https://www.youtube.com/watch?v=rbWQokft0BU

https://www.youtube.com/watch?v=J0Nc8qJCO9s

https://www.youtube.com/watch?v=-LWstuKsIIU

12. Learn & Practice Common HDFS commands

Refer videos available on YouTube

13. MAPR Tutorials

Need to master the same

Video Tutorial:

https://www.mapr.com/products/mapr-sandbox-hadoop/tutorials