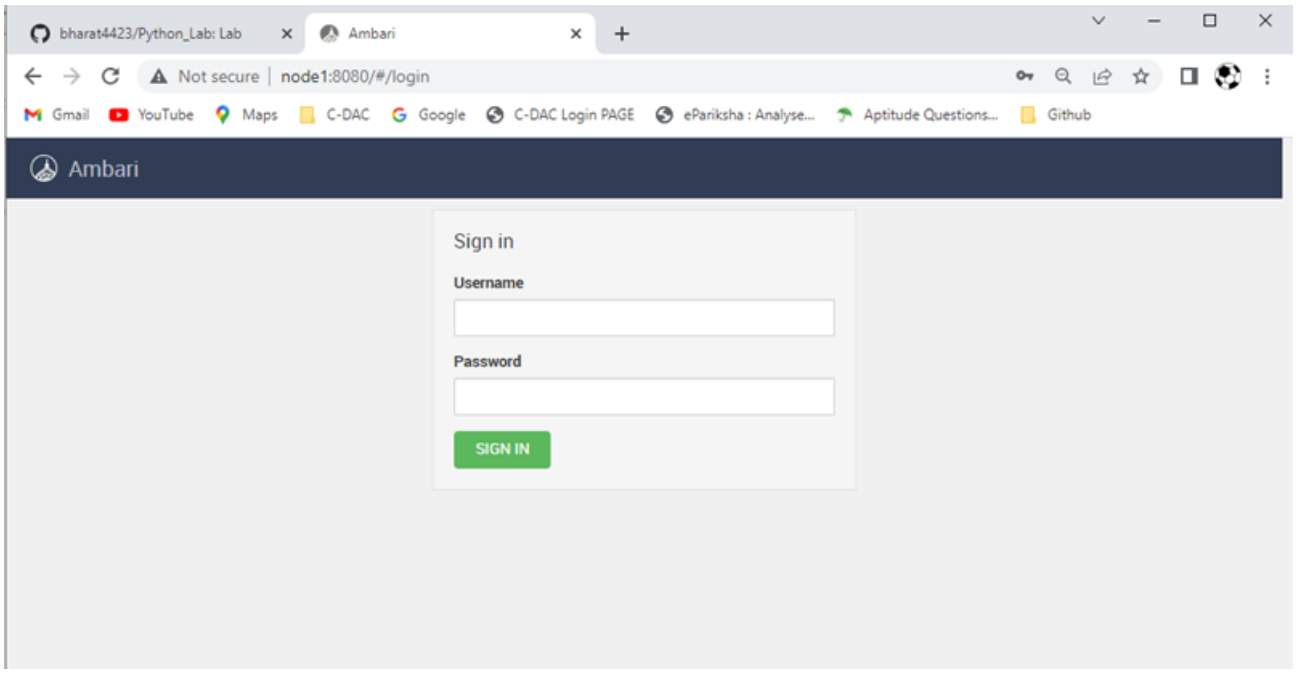
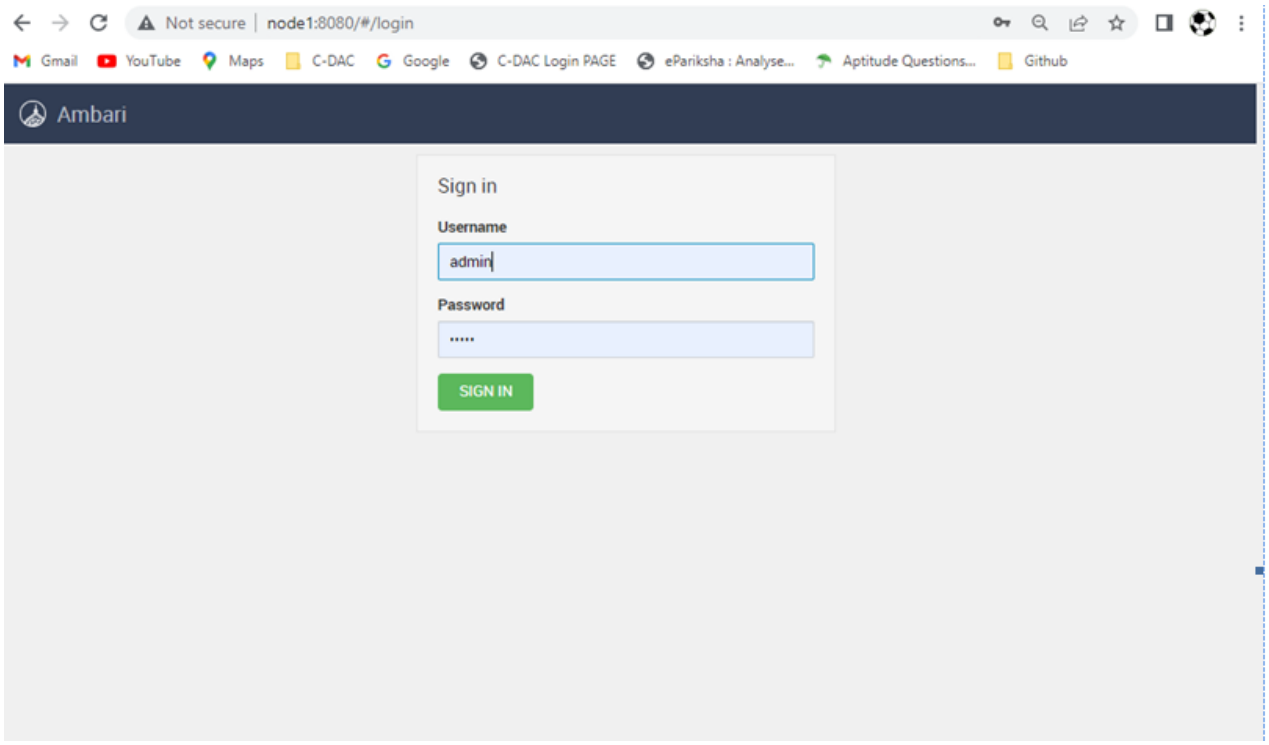
Ambari Server installation and configuration

Step 1: Login in Web Browser

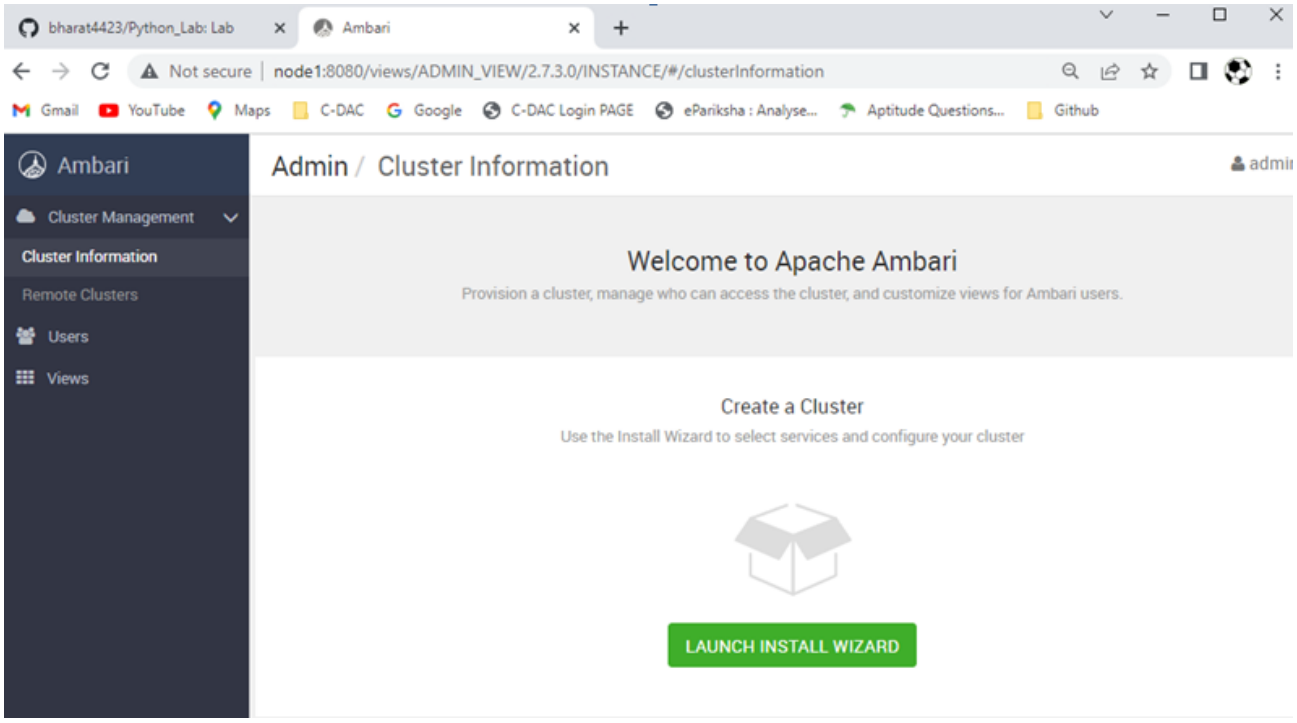


Step 2:- Enter Login credentials

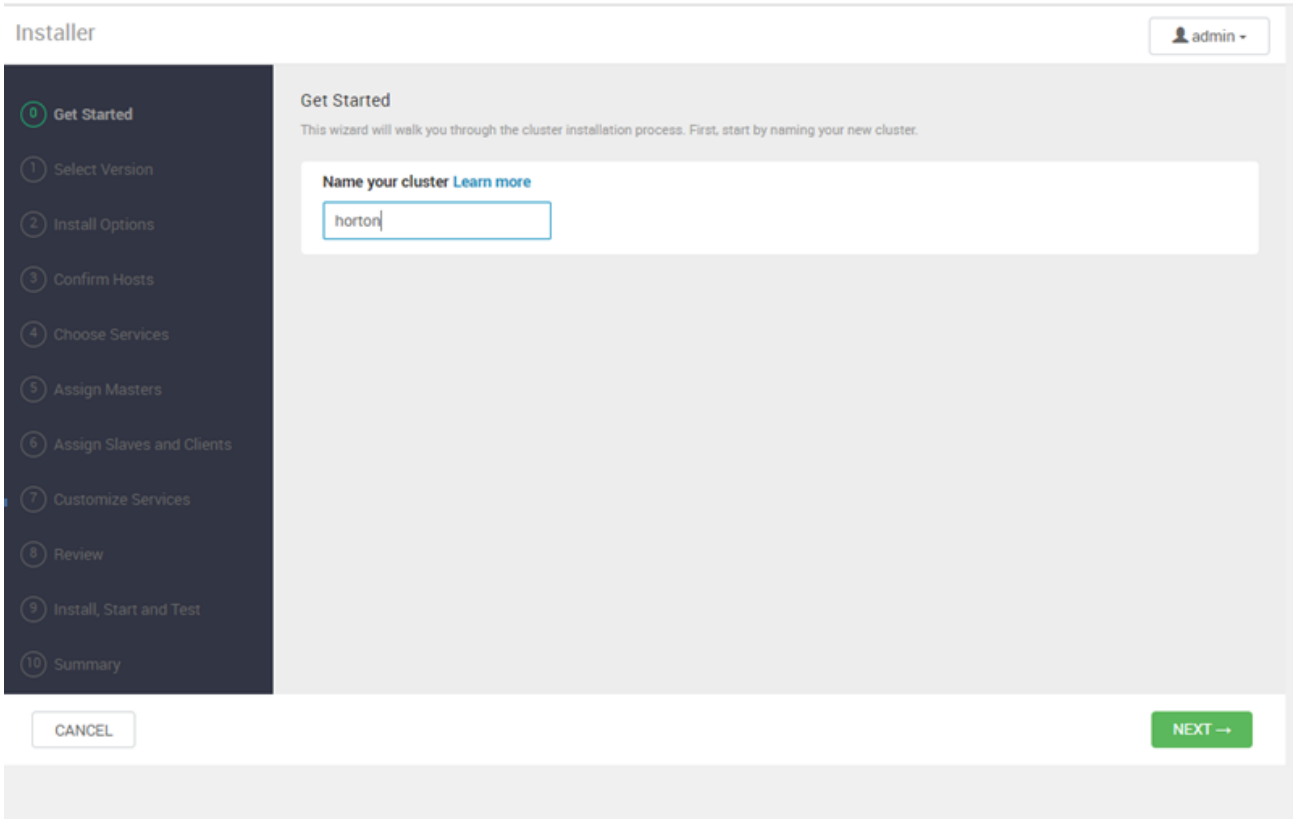
Username- admin Password- admin



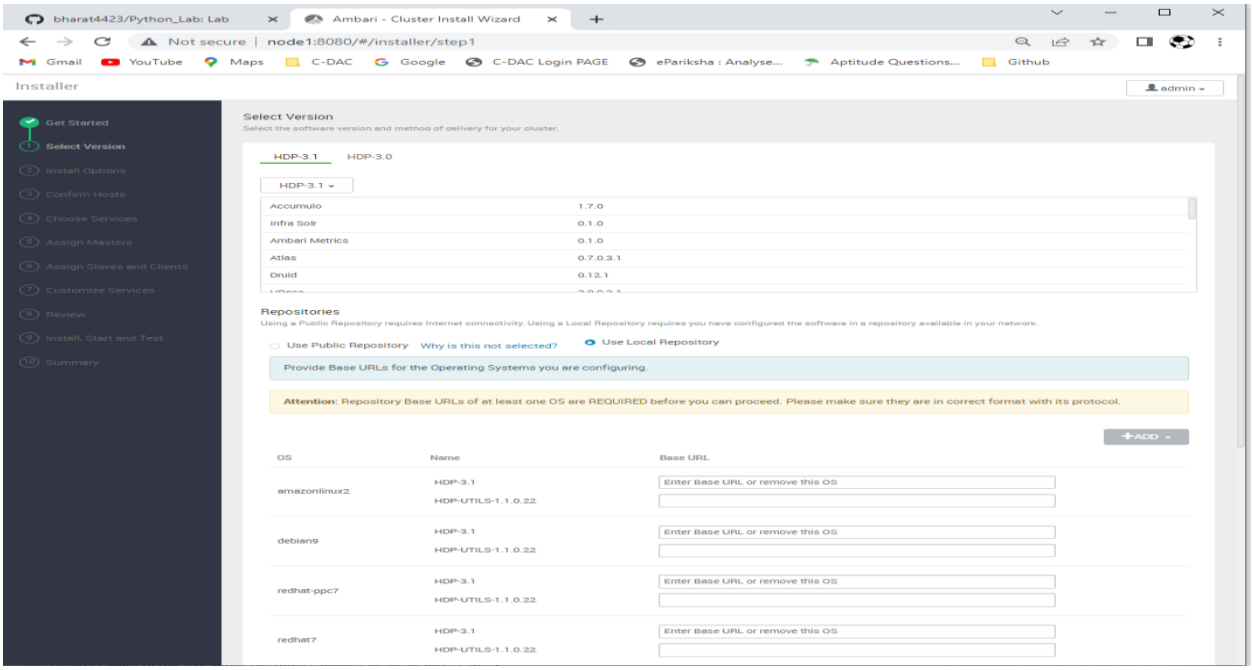
Step 3: Launch install wizard



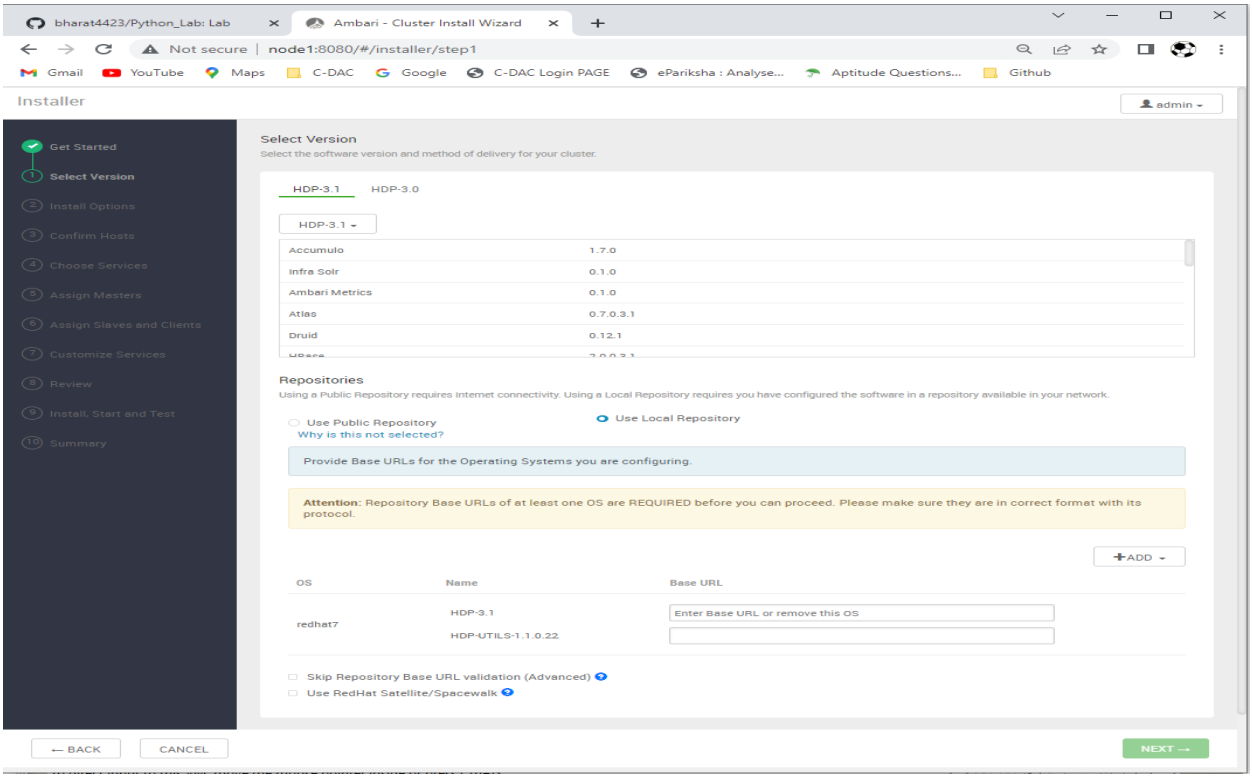
Step 4:- Click on that and Enter Cluster Name:- Horton



Step 5:- Keep only redhat7 Repositories, and Remove all other Repositories



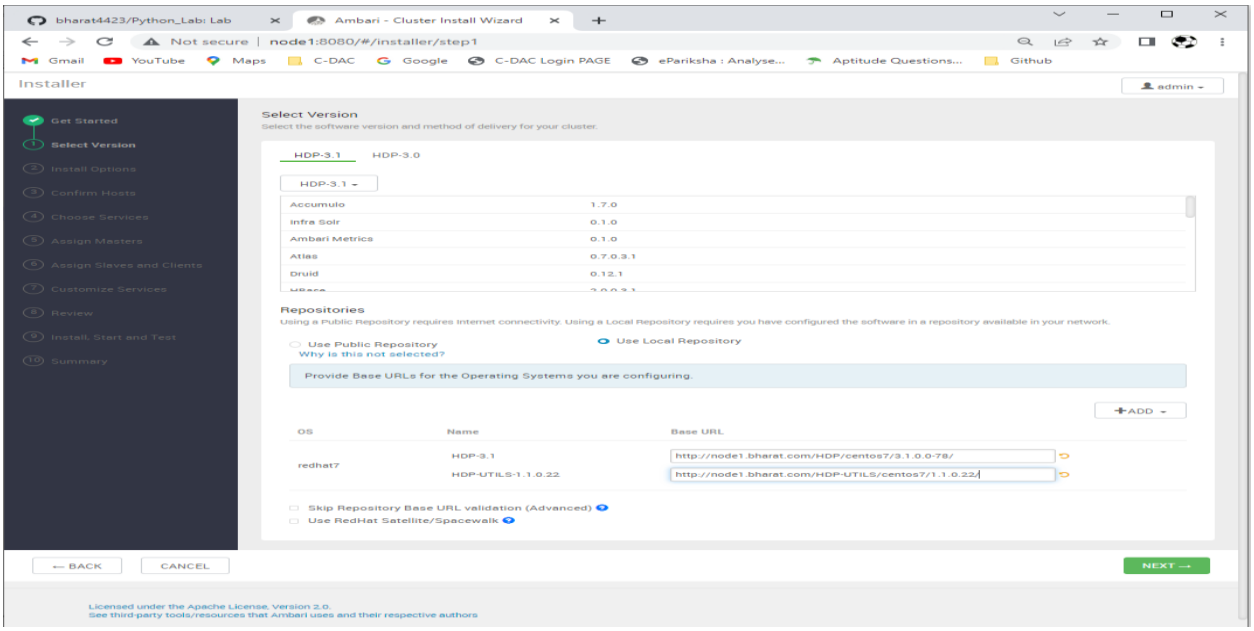
Step 6:- Put there URL path



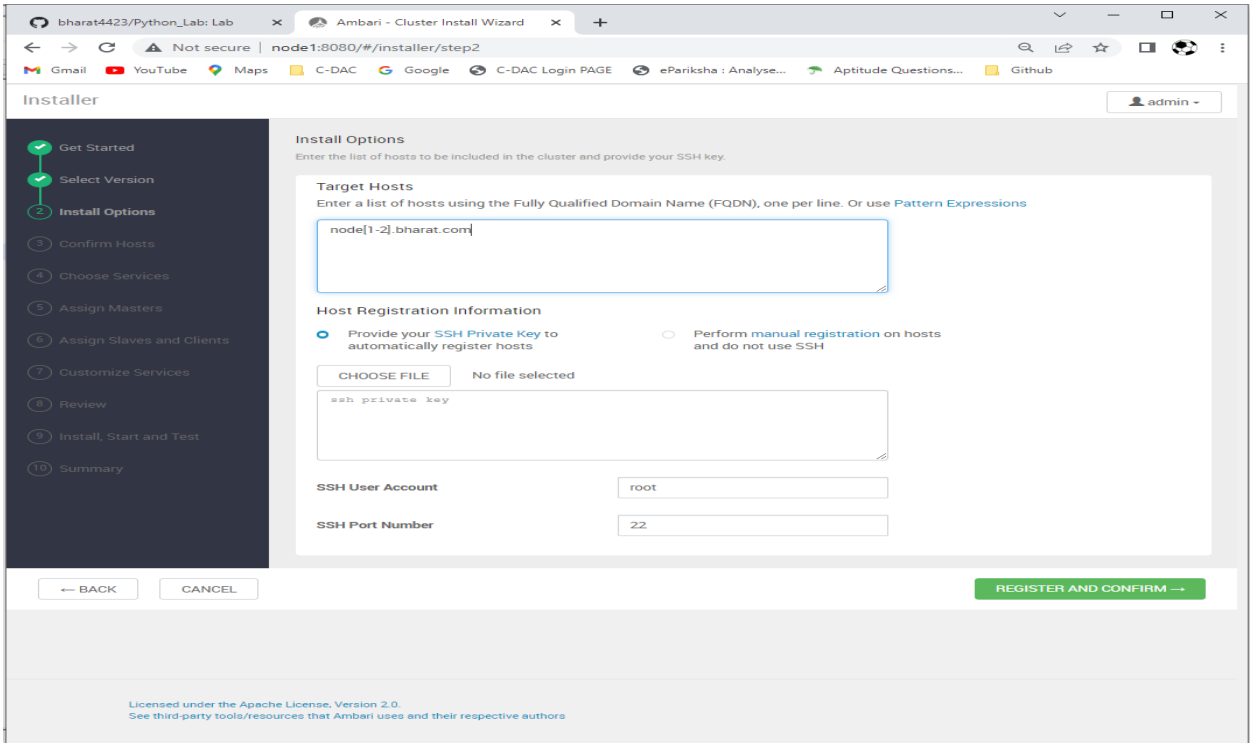
Step 7: URL's

HDP-3.1:- http://node1.bharat.com/HDP/centos7/3.1.0.0-78/

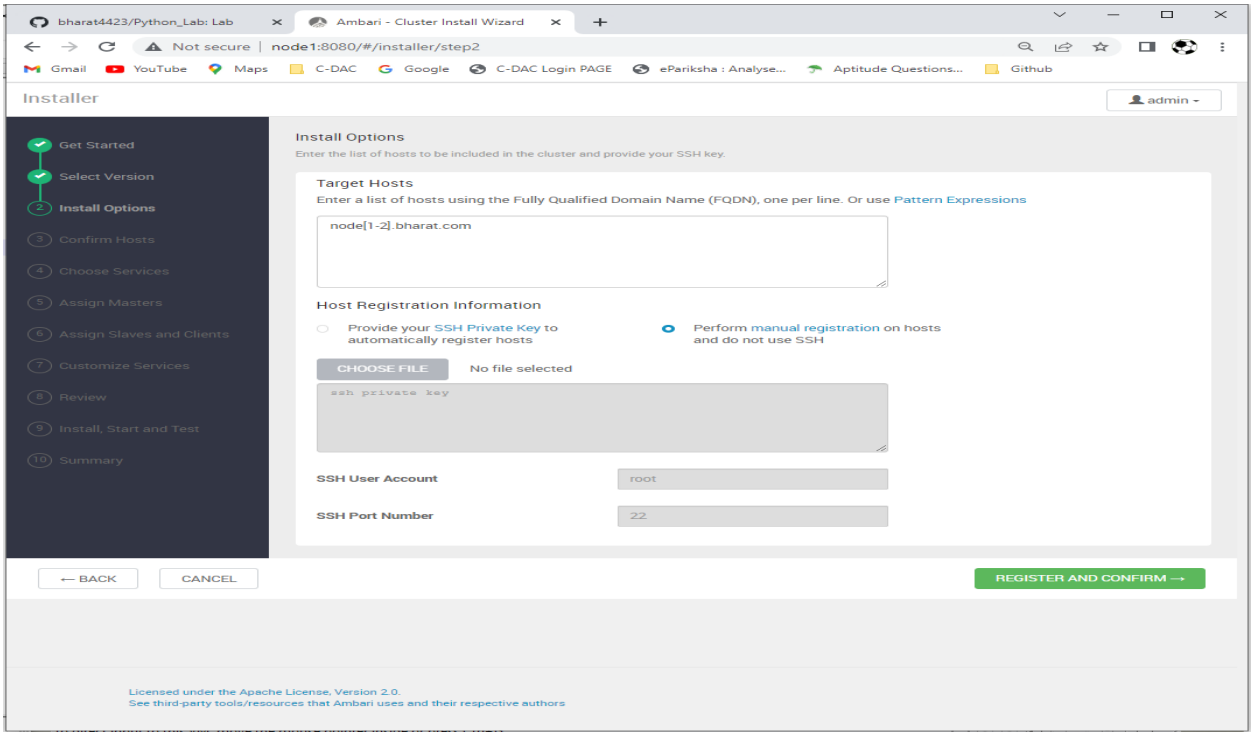
HDP-UTILS: - http://node1.bharat.com/HDP-UTILS/centos7/1.1.0.22/



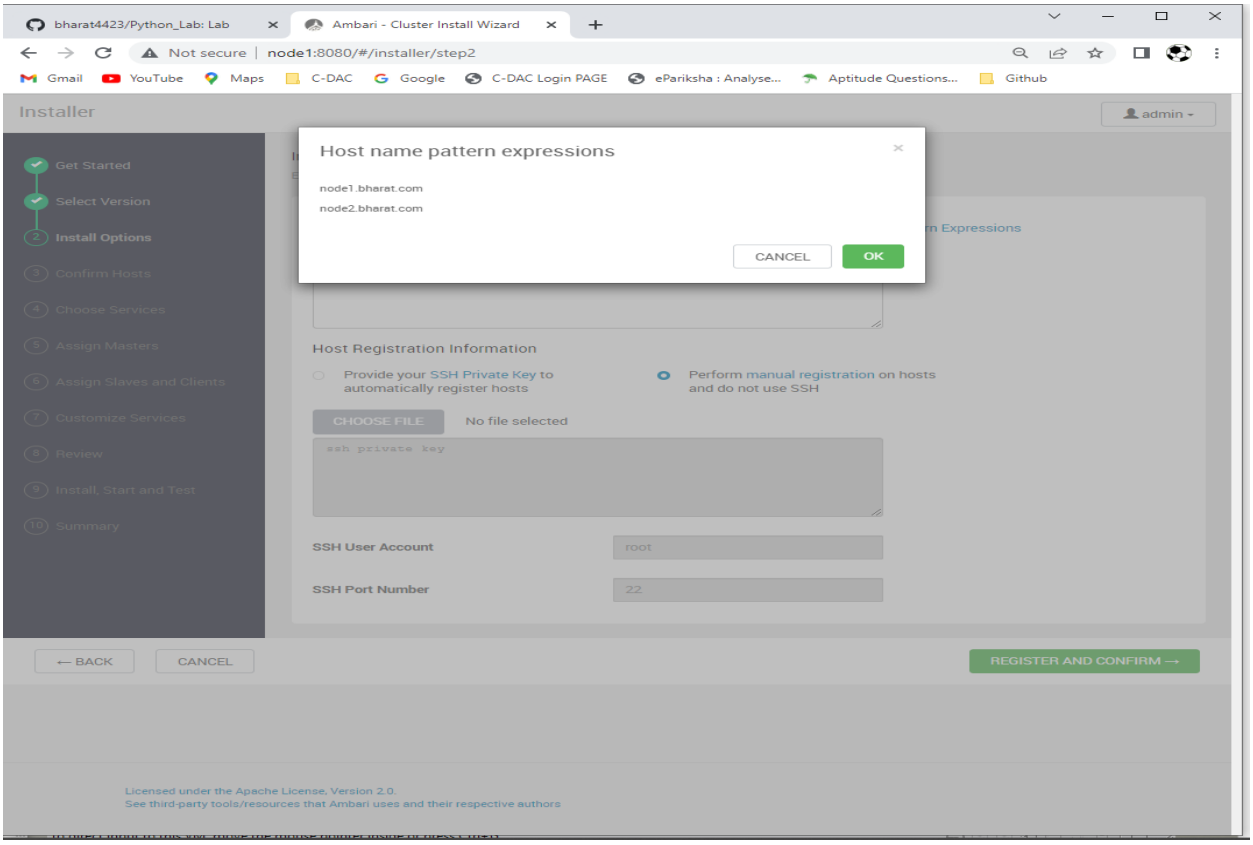
Step 8:- Select Target Hosts node[1-2].bharat.com (bharat.com – Domain name)



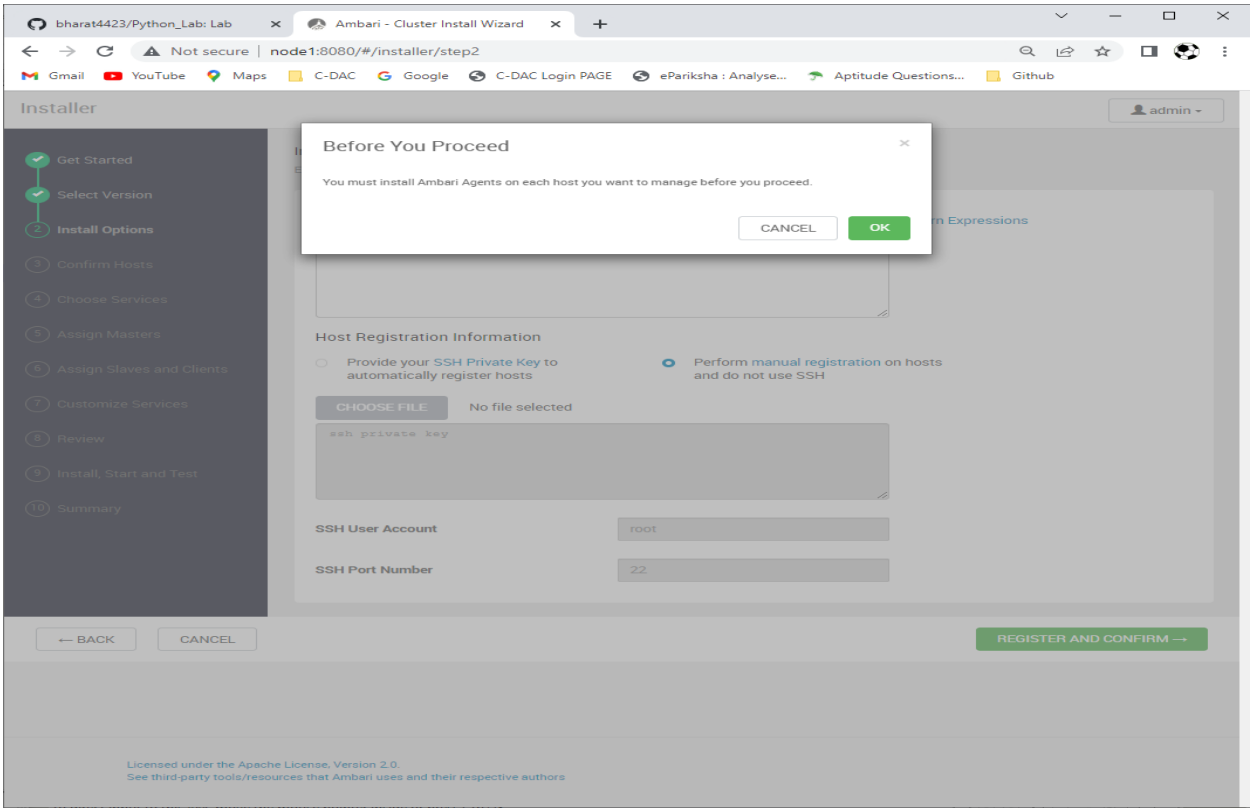
Step 9:-Select Perform manual registration and click on REGISTER AND CONFIRM



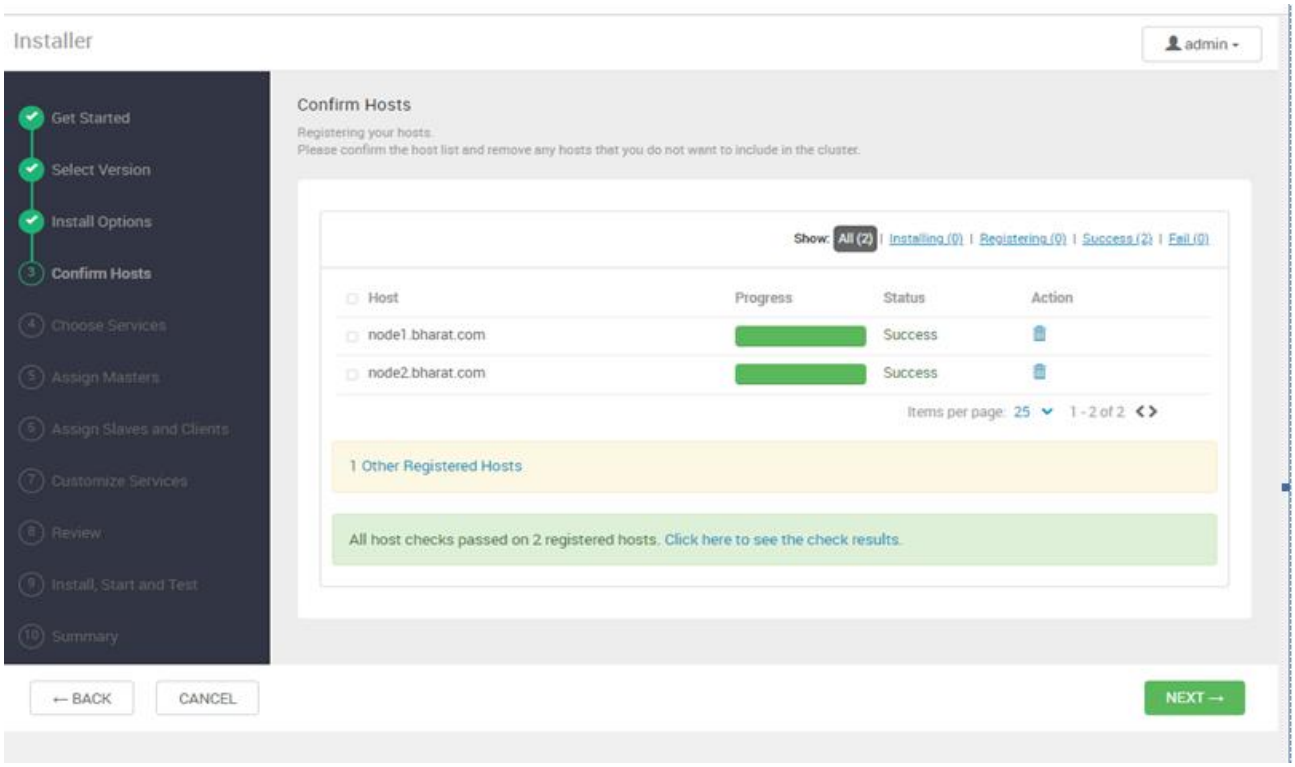
Step 10:- Select OK



Step 11:- Again Click OK

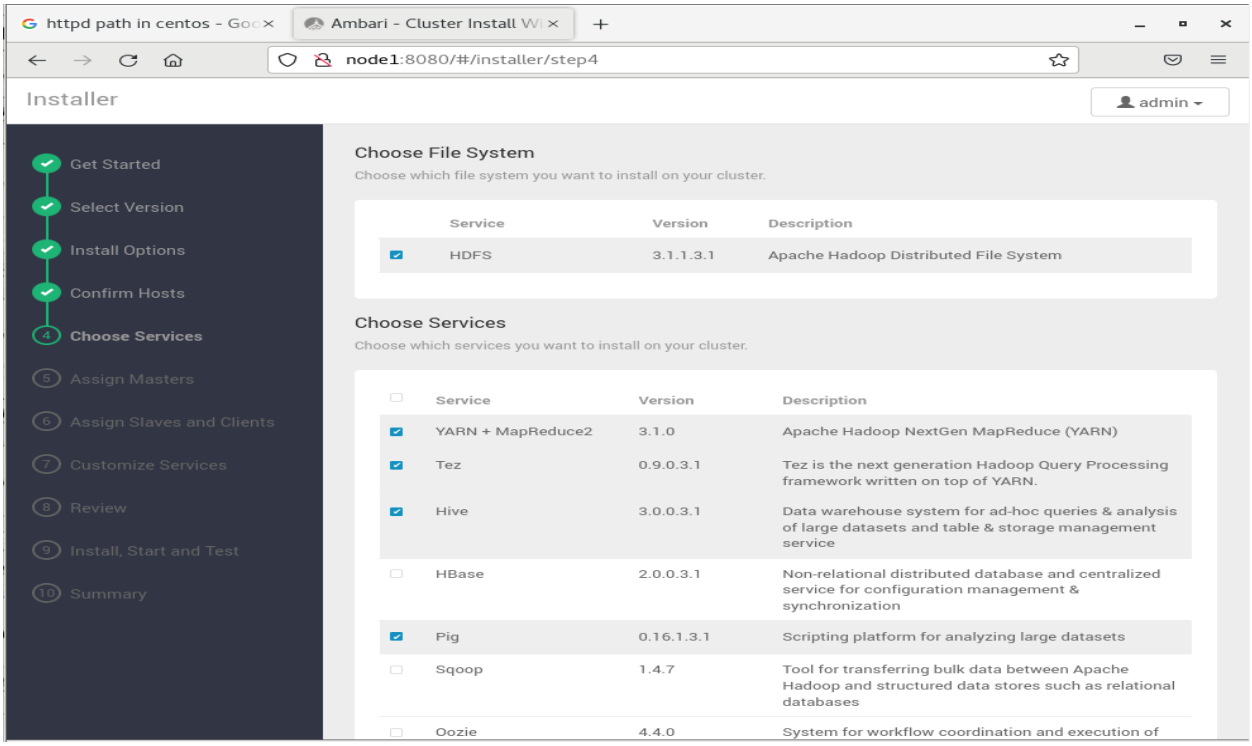


Step 12:- Successfully registering our hosts. Then click NEXT

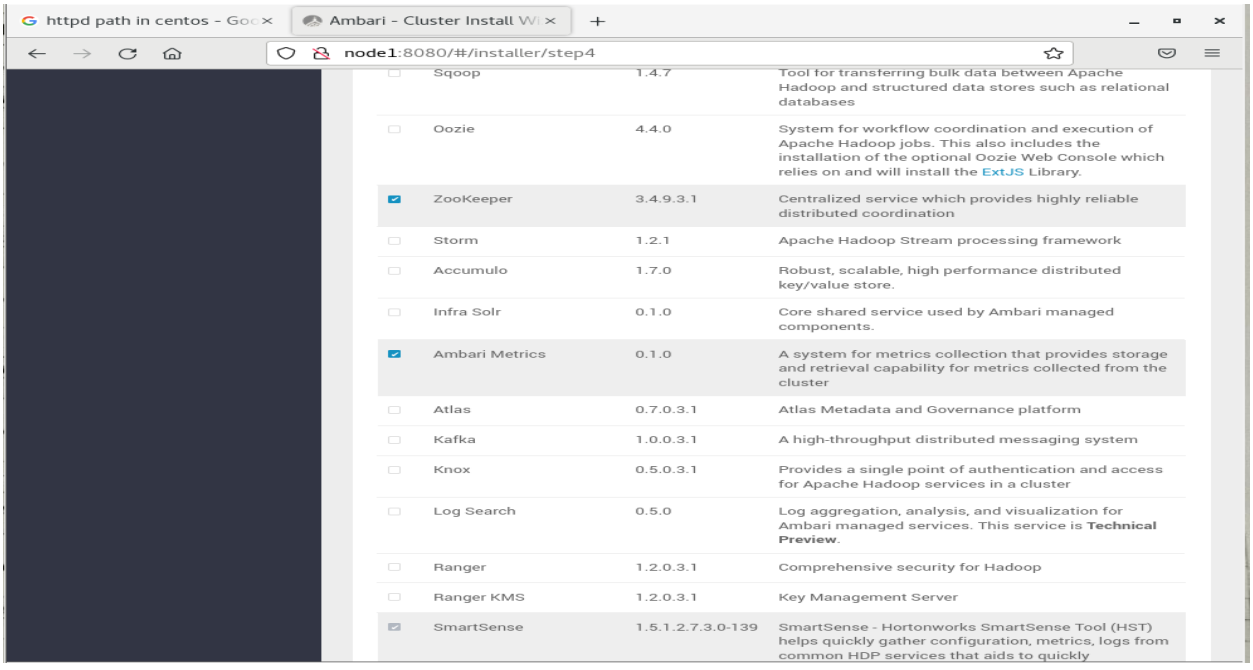


Step 13:- Then select the below selected checkbox and unchecked others.

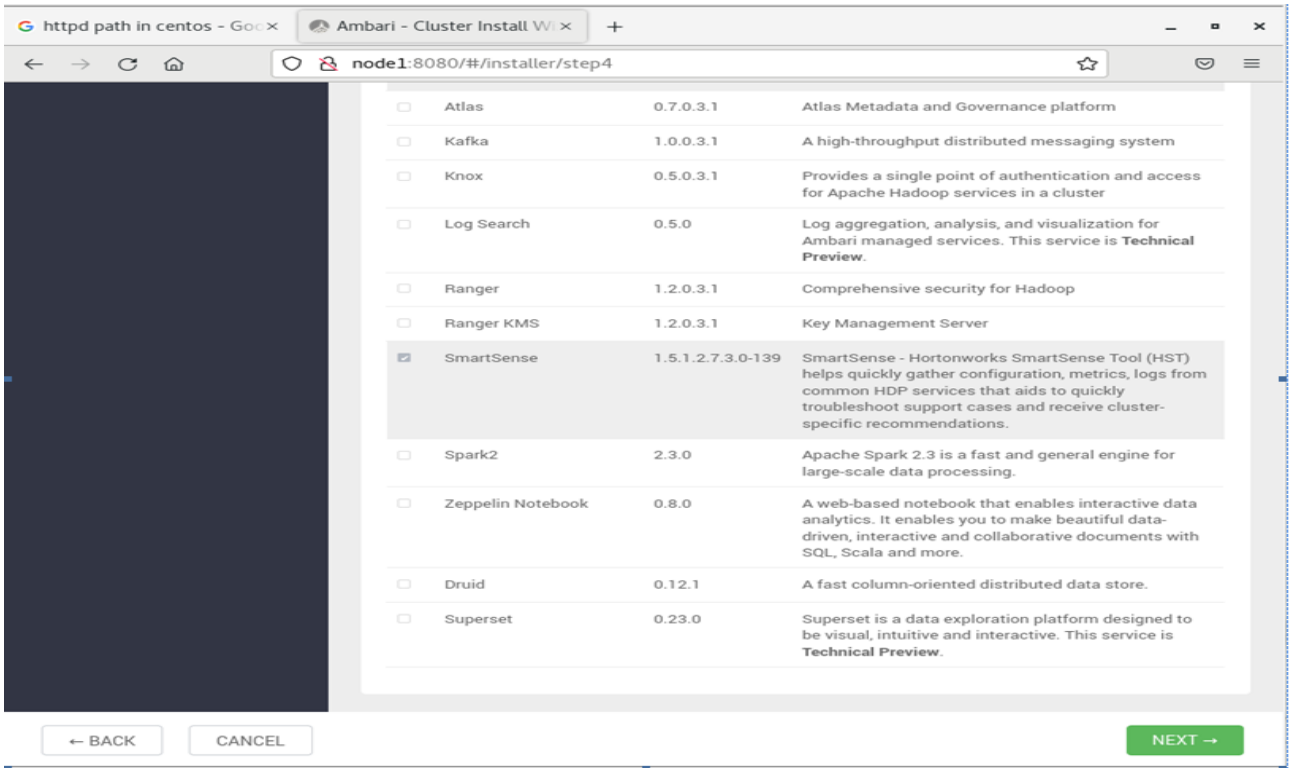
1)HDFS, 2)YARN+MapReduce2, 3)Hive, 4)Pig



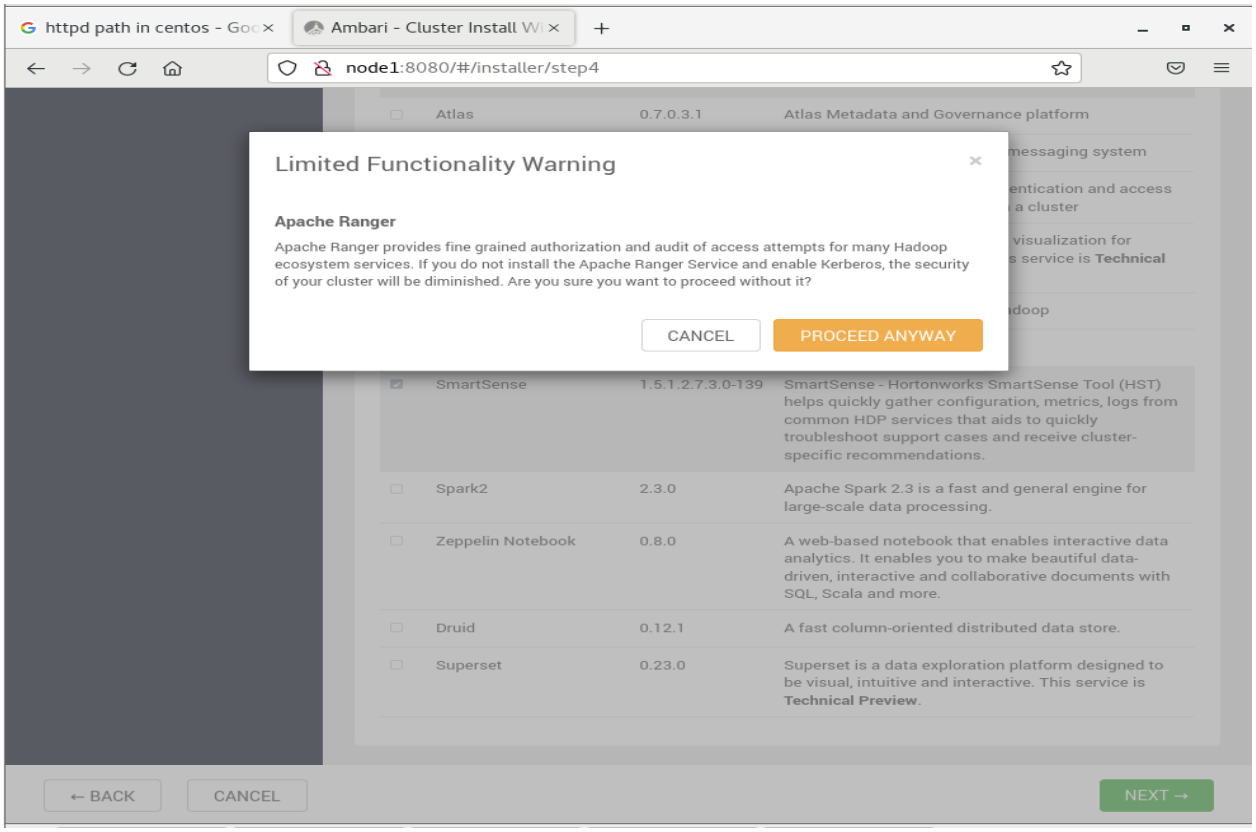
Step 14:- Select here Zookeeper and Ambari



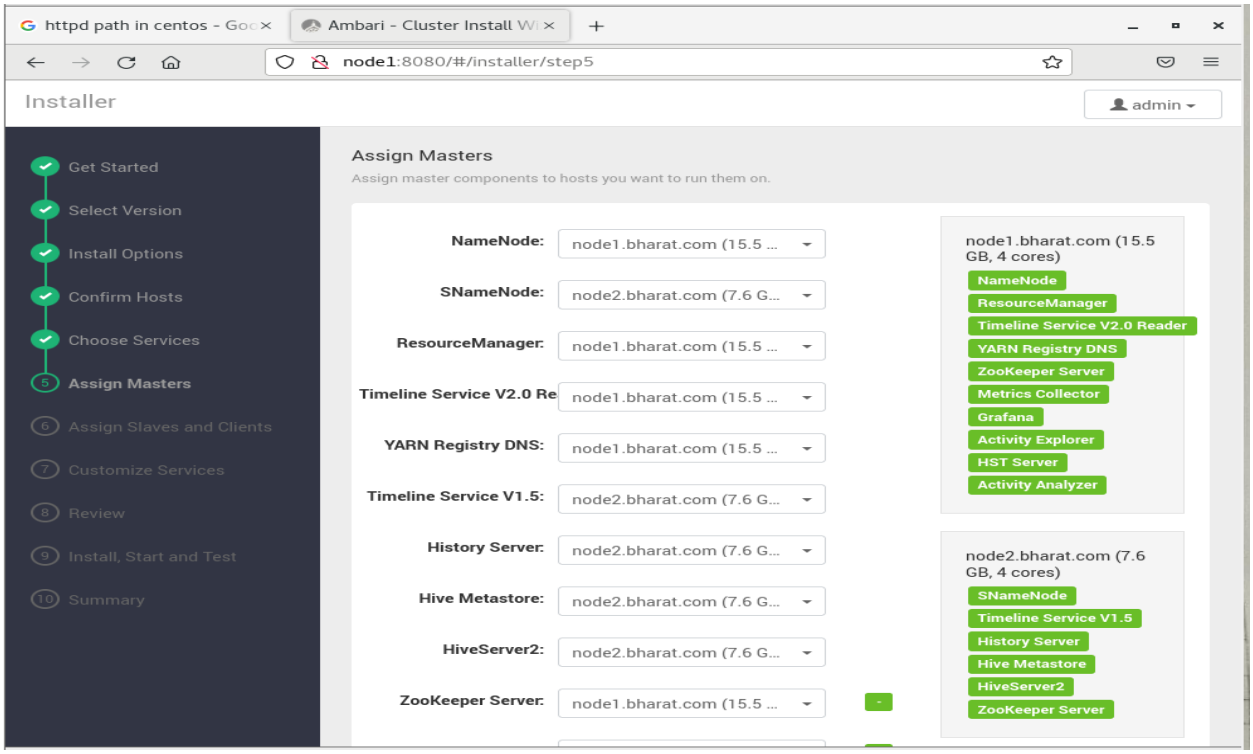
Step 15:-Then Click on NEXT



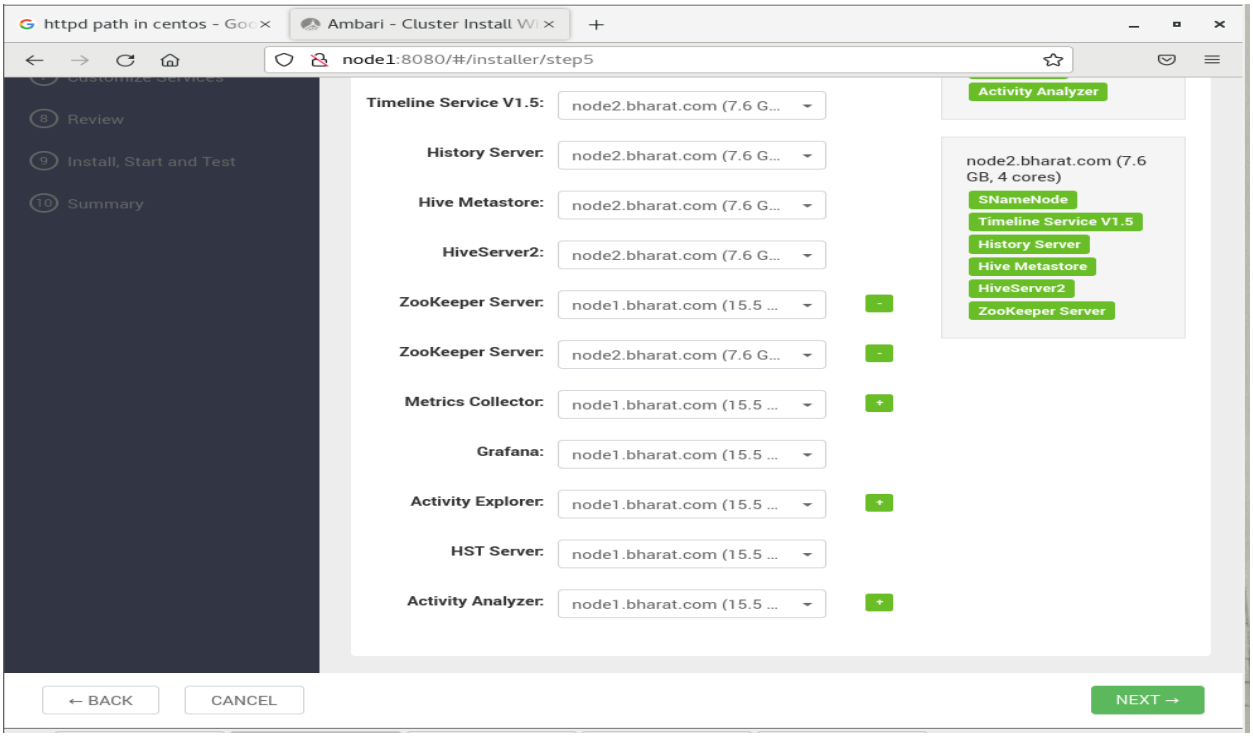
Step 16:- Click On PROCEED ANYWAY



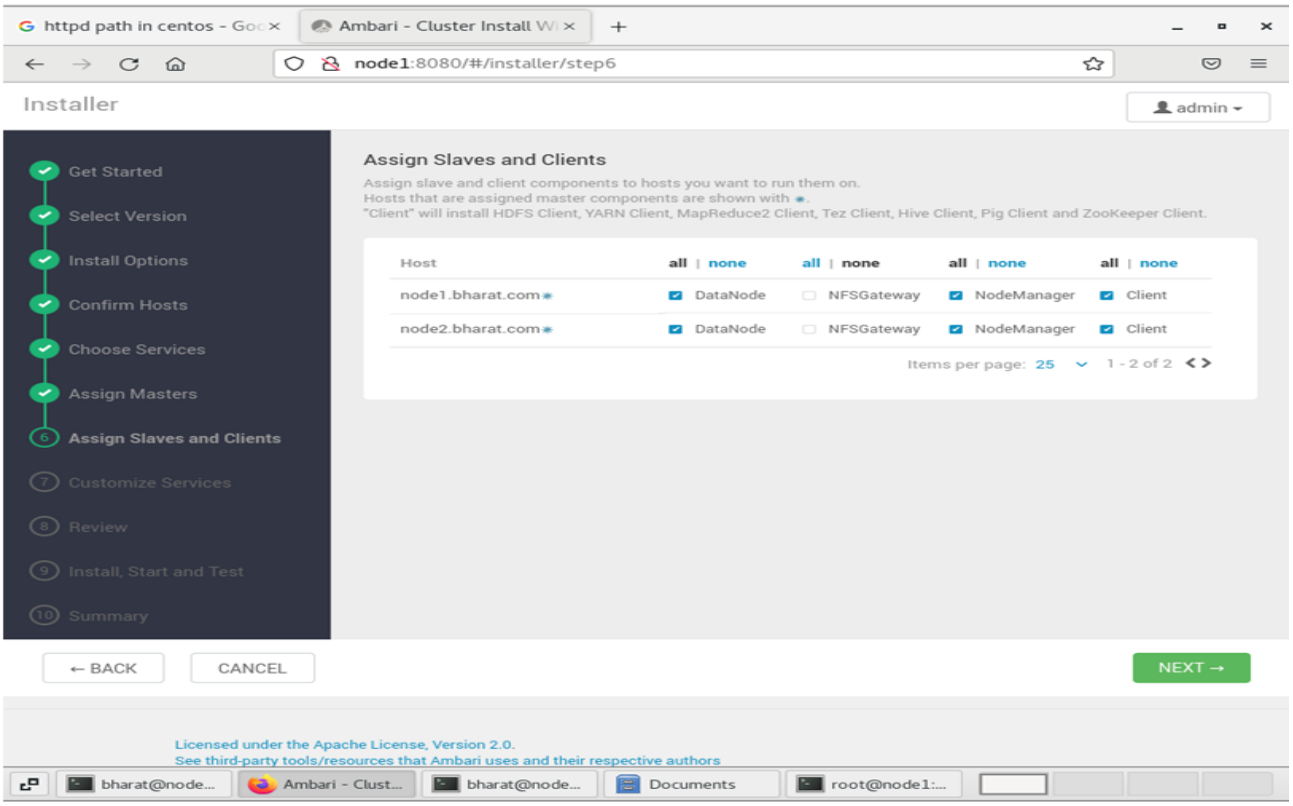
Step 17:- Then see the configuration which is automatically taken.



Step 18:-Then click NEXT

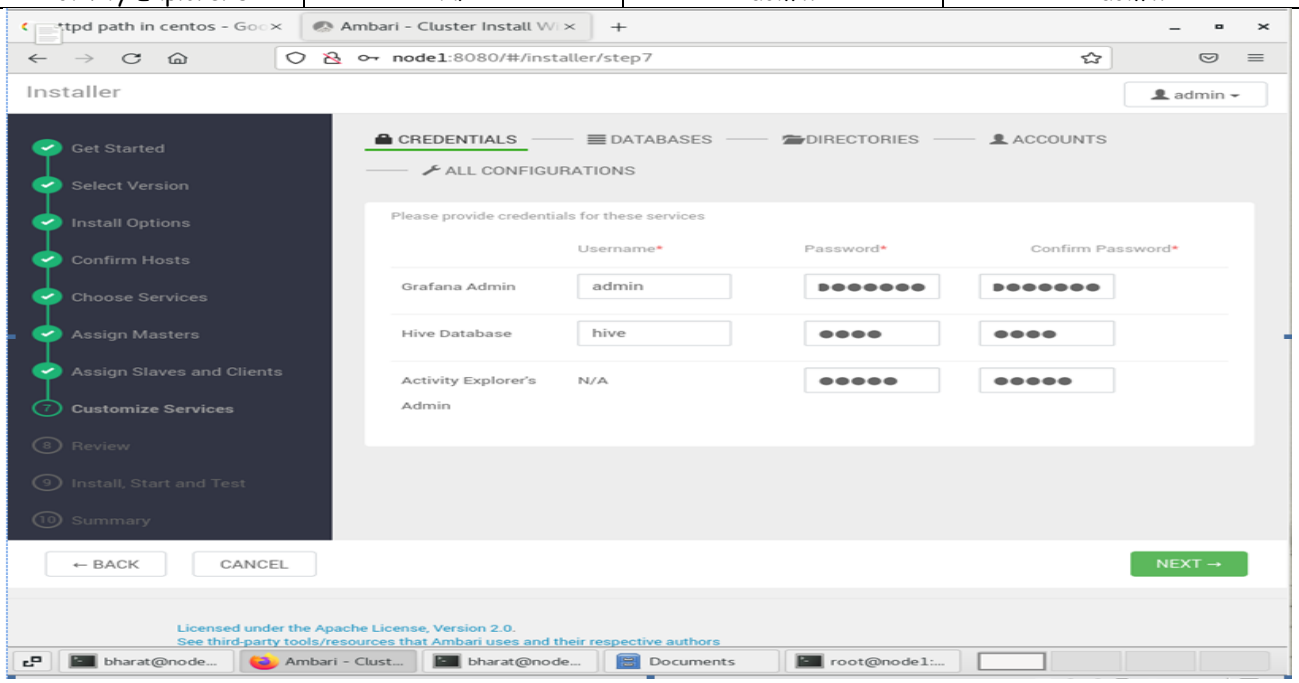


Step 19:- Then select all DataNode, all NodeManager and all Client.And click NEXT.



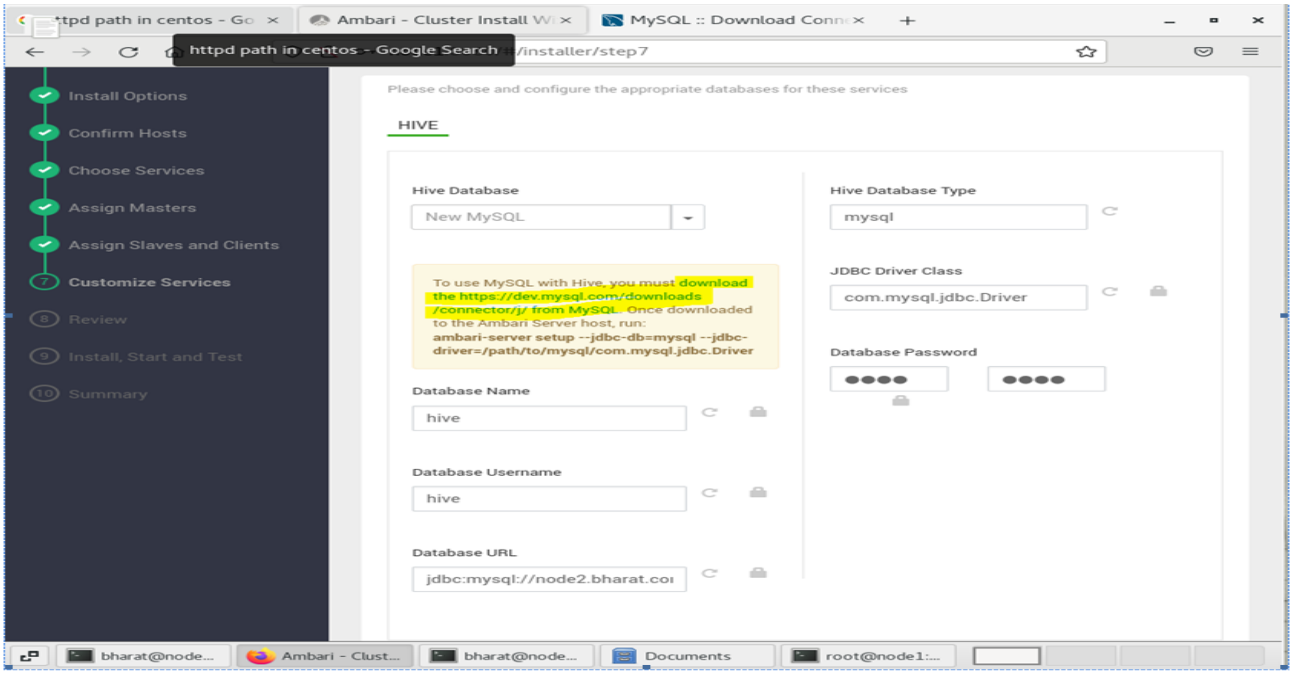
Step 20:- Then give the password.

	Username	Password	Confirm Password
Grafana Admin-	admin	grafana	grafana
Hive Database	hive	hive	hive
Activity Explorer's	N/A	admin	admin

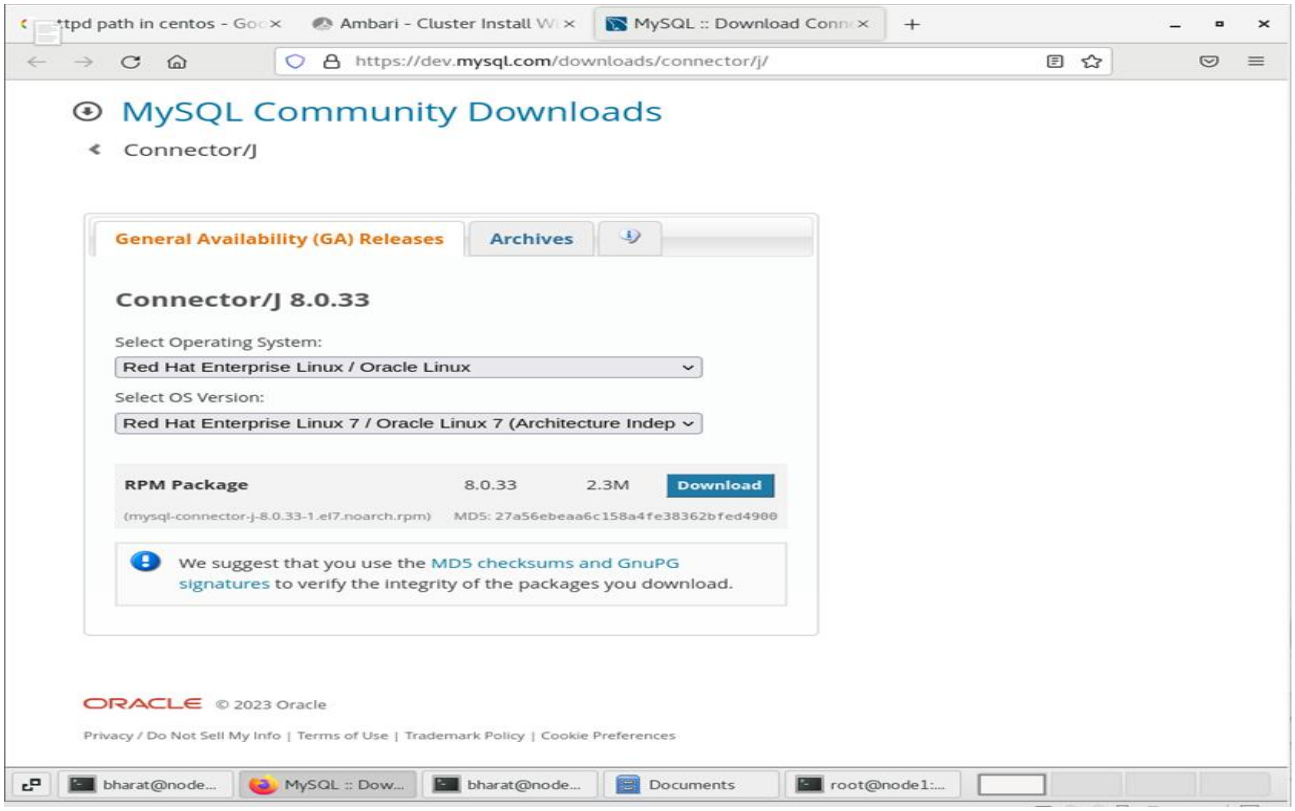


Step 21:- Then copy this Path and paste on notepad for future installation.

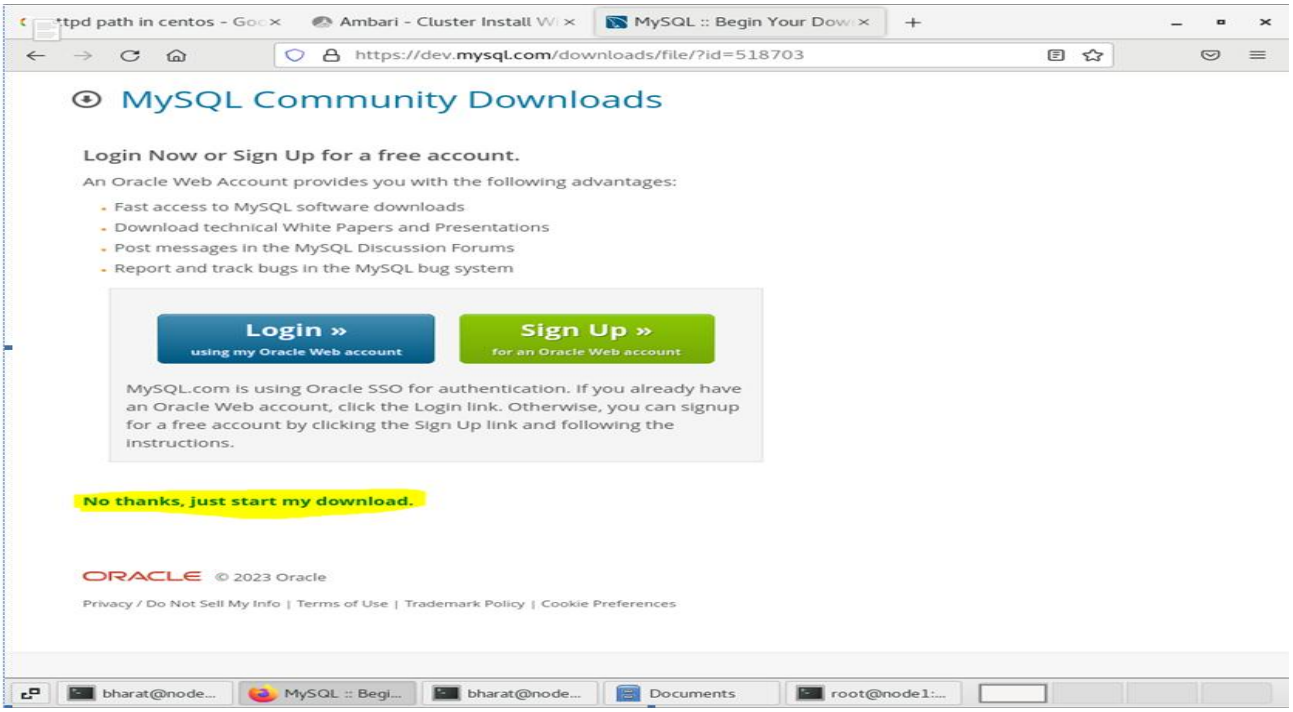
Copied Path :- ambari-server setup --jdbc-db=mysql --jdbc-driver=



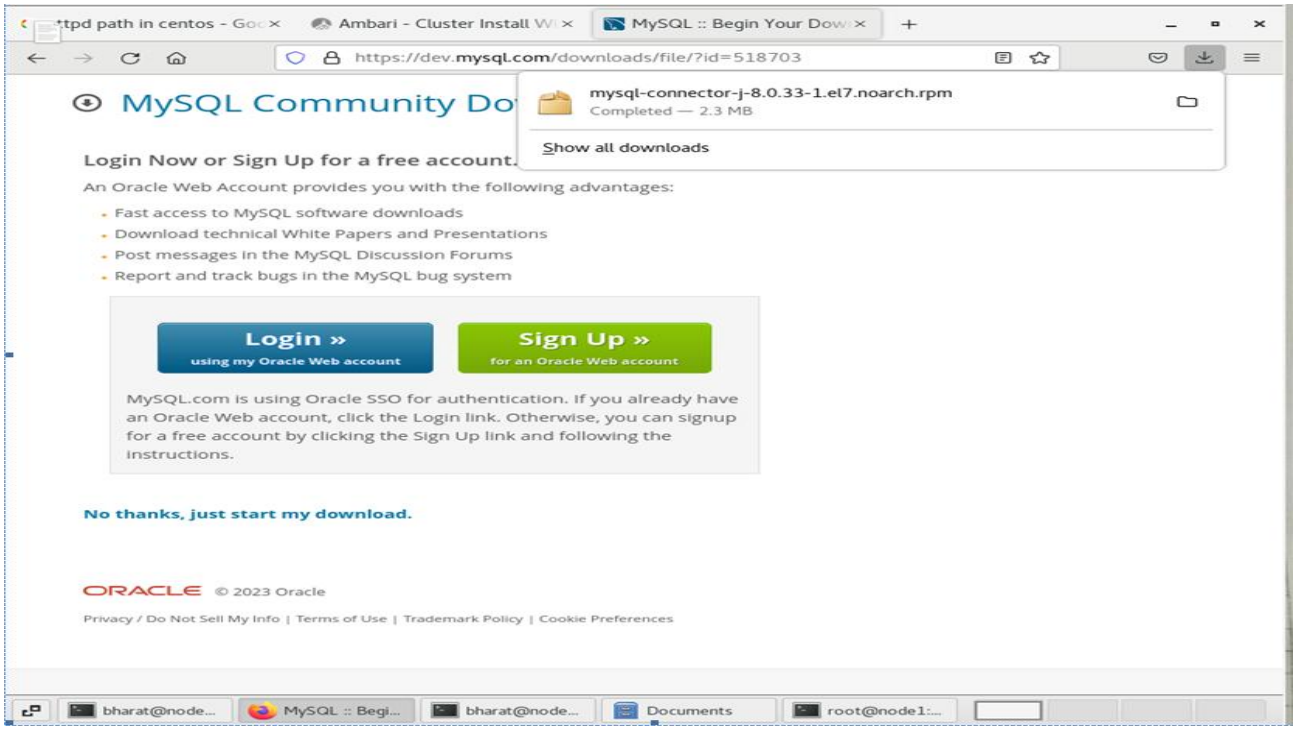
Step22:-Then select below options.Select OS: - Red Hat Enterprise Linux/Oracle LinuxSelect OS Version:- Red Hat Enterprise Linux 7/Oracle Linux7(Architecture indep)



Step 24:-Click on No thanks, just start my download



Step25:-Download mysql-connector



Step 26:-After that go to the terminal and execute below command.

Execute in root user only

1) rpm -i /home/bharat/Downloads/mysql-connector-j-8.0.33-1.el7.noarch.rpm

2)ambari-server setup --jdbc-db=mysql --jdbc-driver=/usr/share/java/mysql-connector-java.jar

Note:-

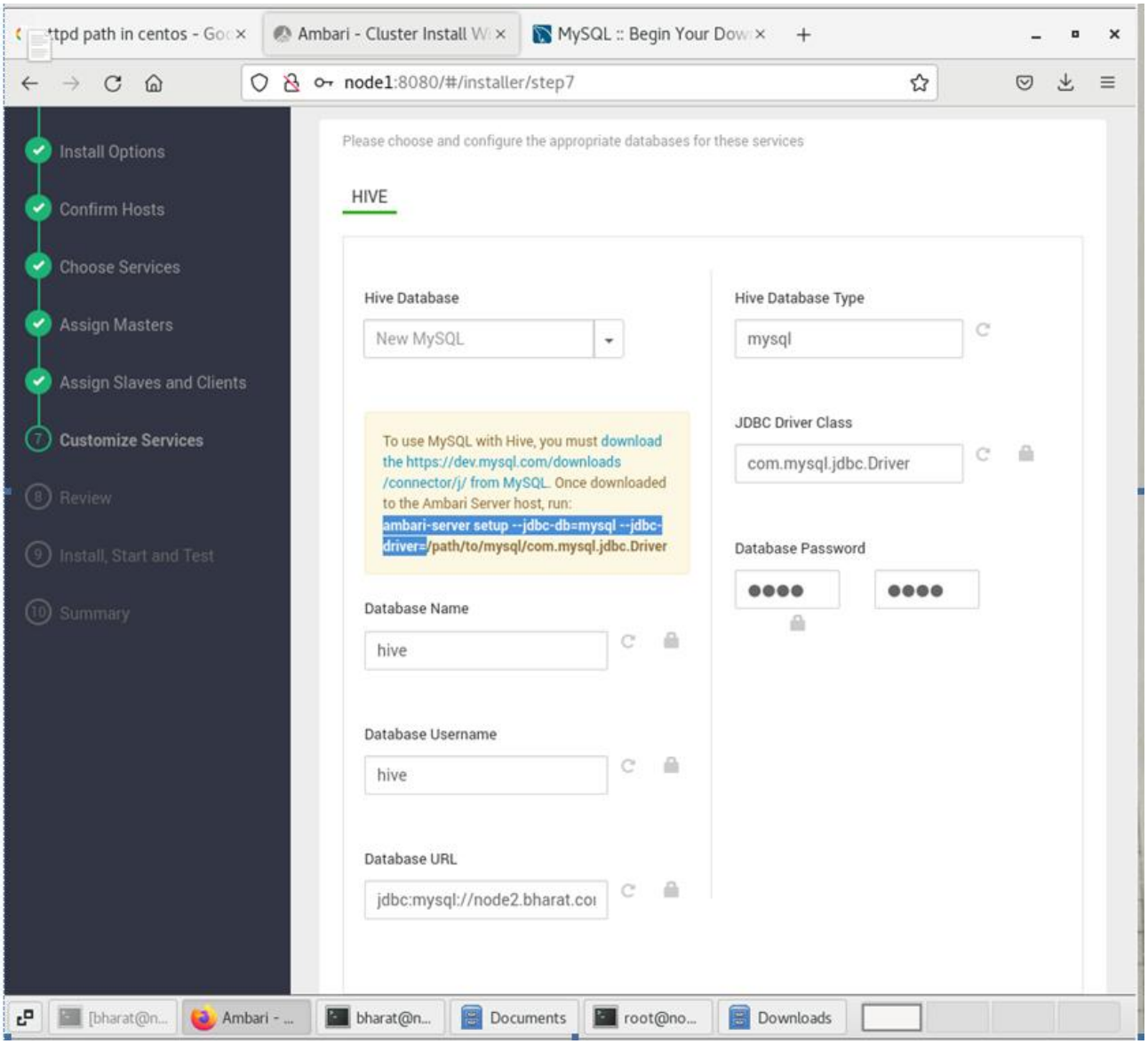
1) Copied this command in installation process please refer above screenshot .

ambari-server setup --jdbc-db=mysql --jdbc-driver=

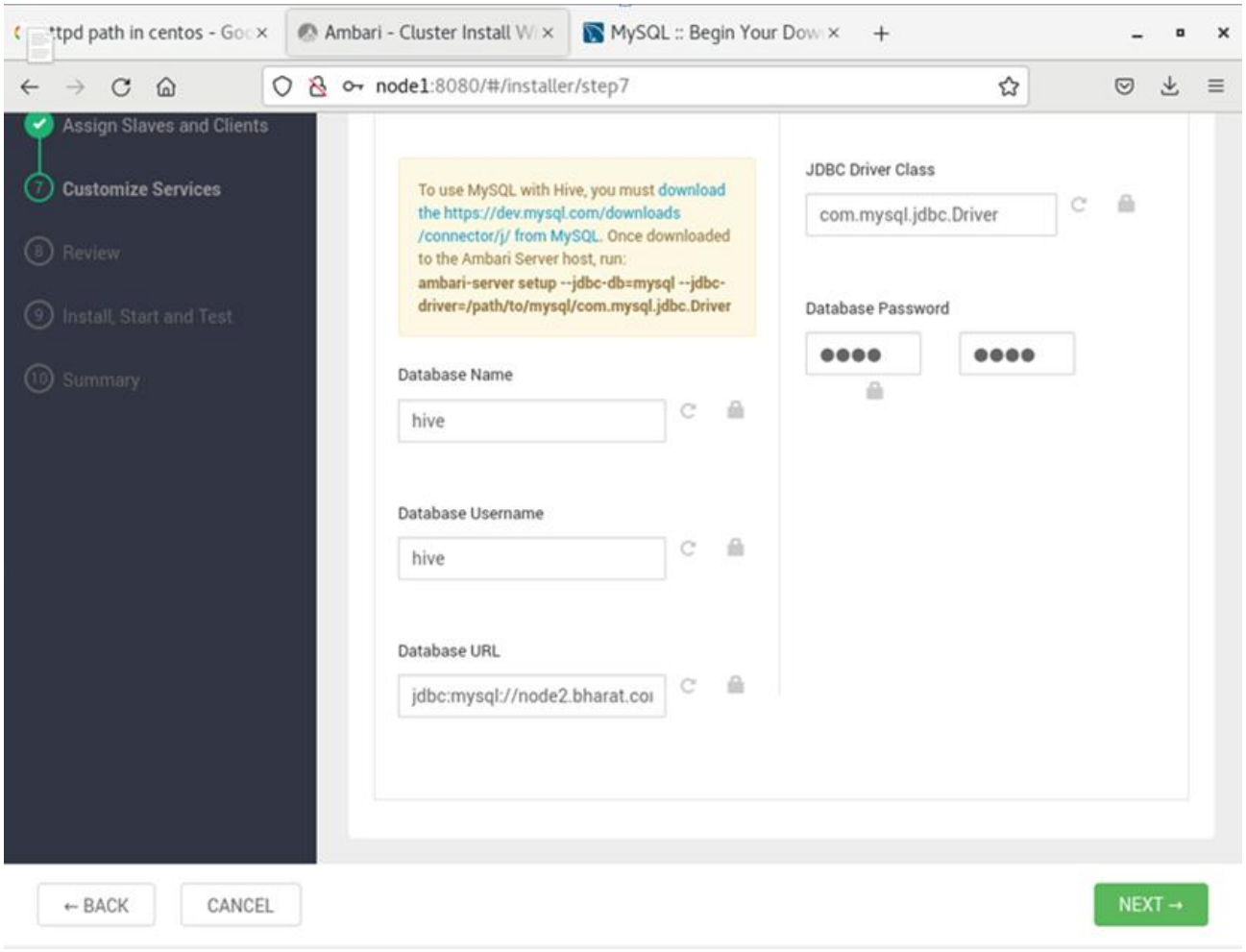
2) This is jar file path.

/usr/share/java/mysql-connector-java.jar

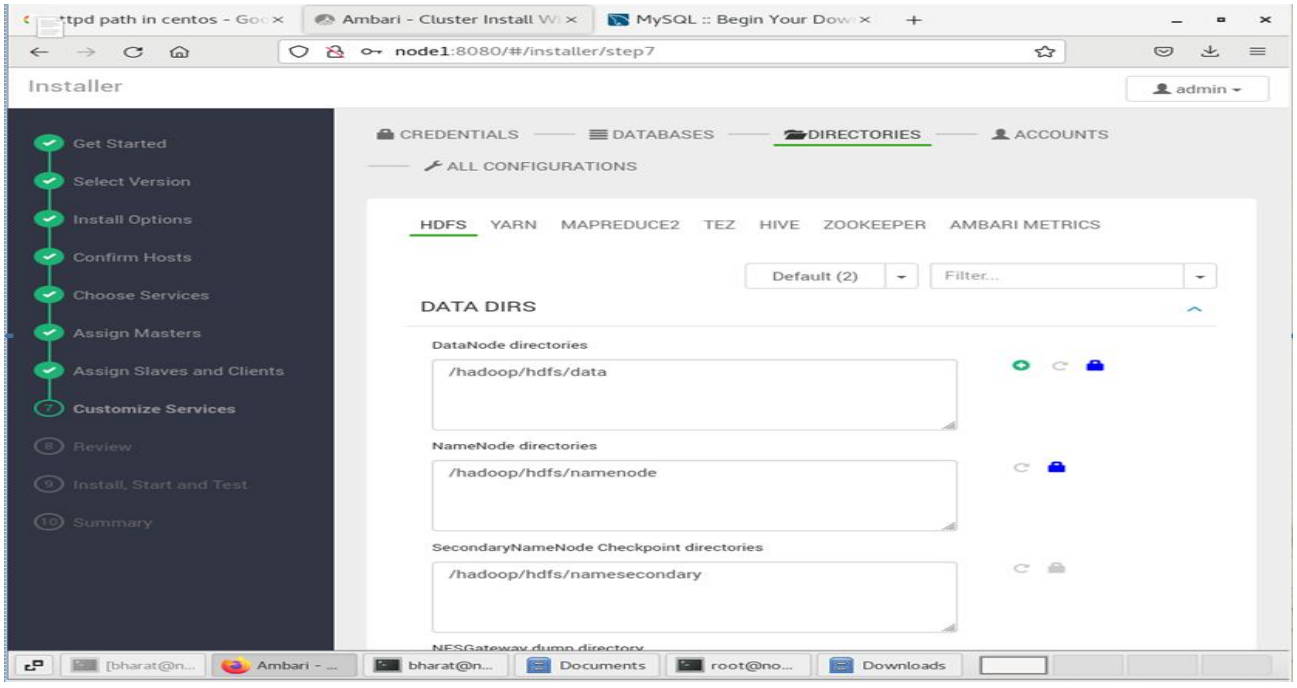
Step 27:-Then see the next step.



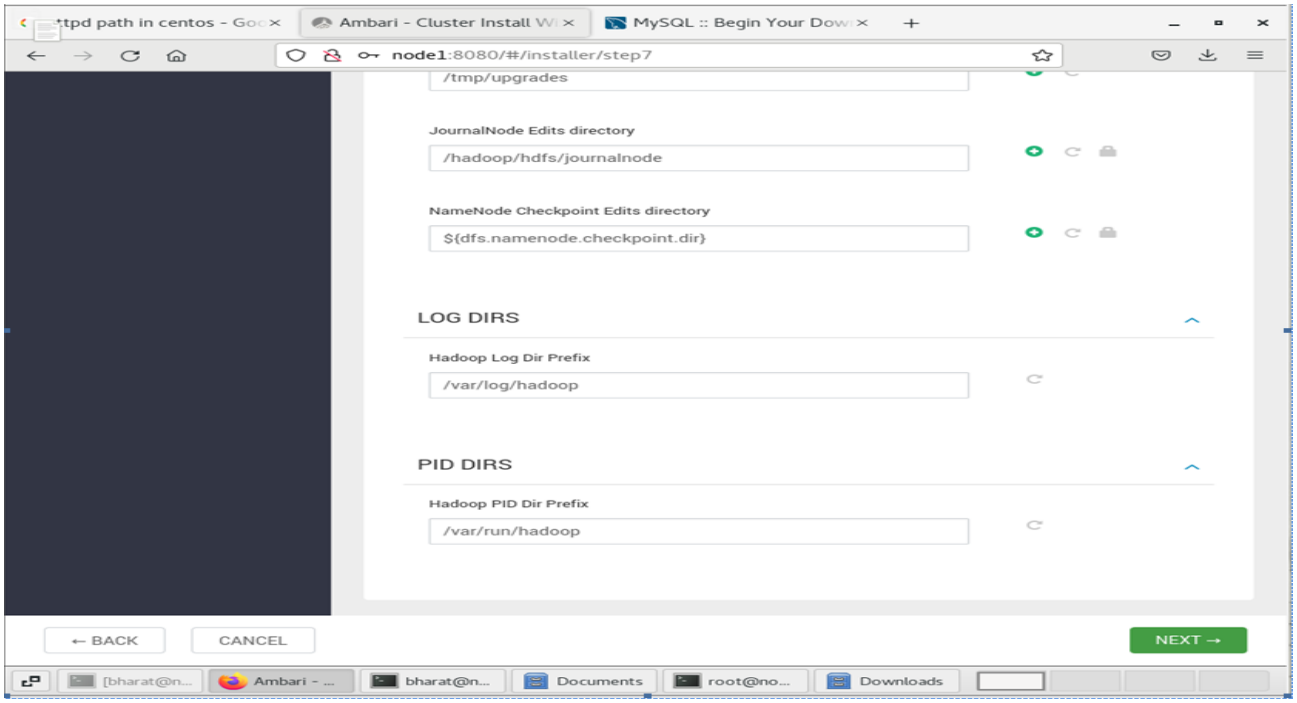
Step28:-Then click NEXT



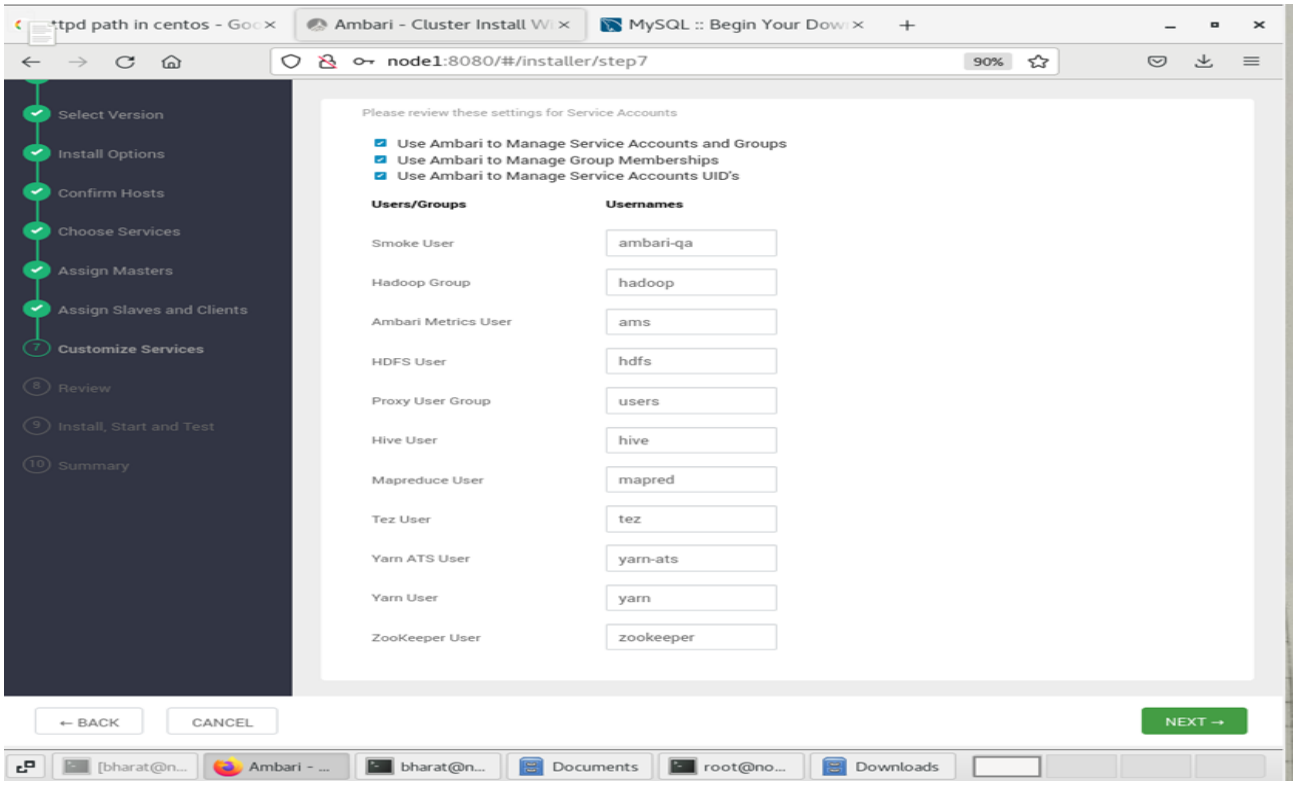
Step29:- See Next Step



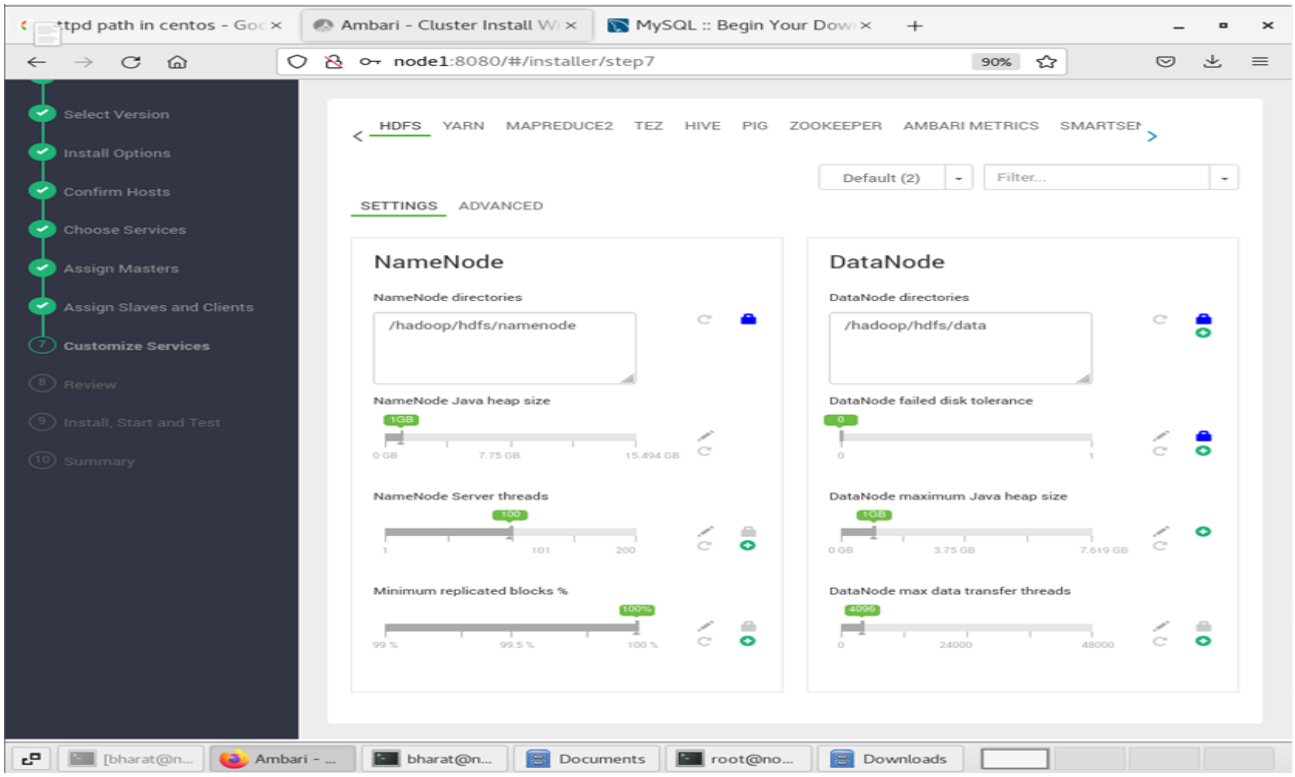
Step30:-Then click NEXT.



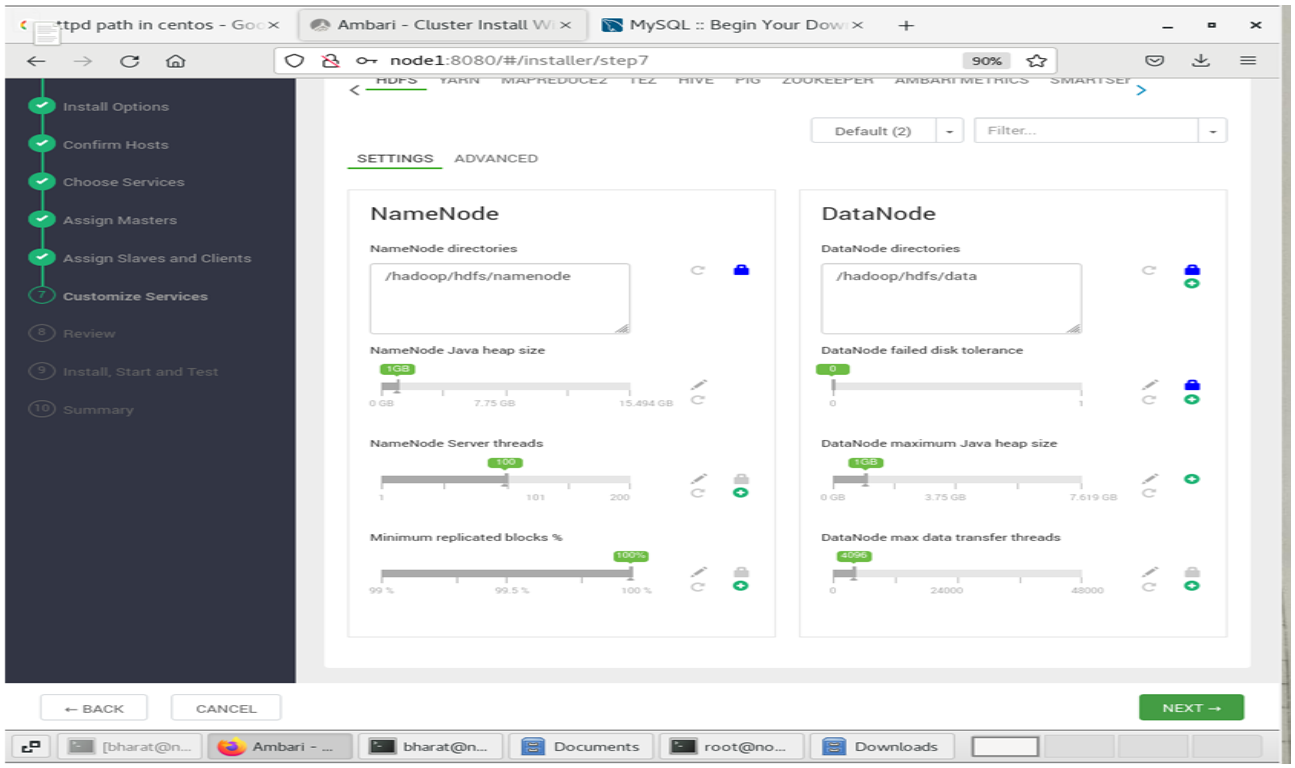
Step31:- Then again click NEXT.



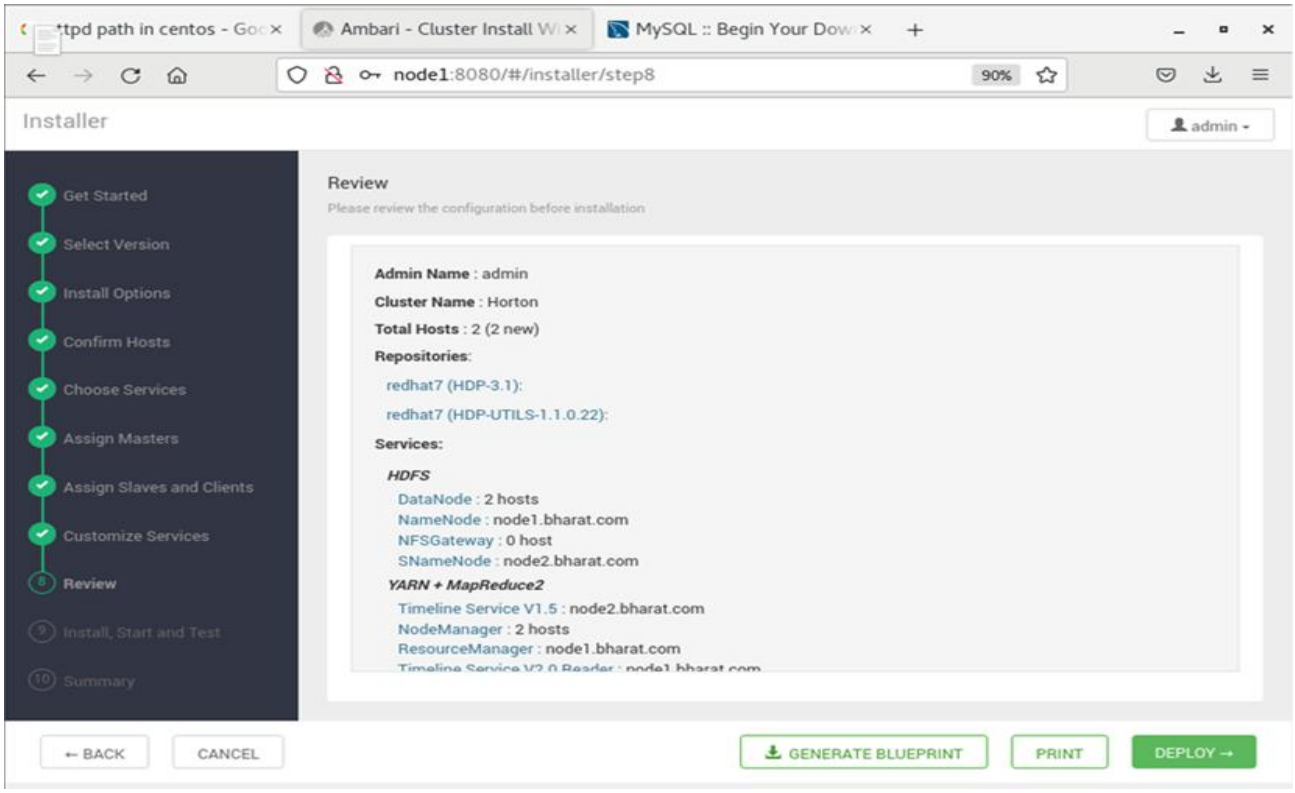
Step32:- Scroll Down



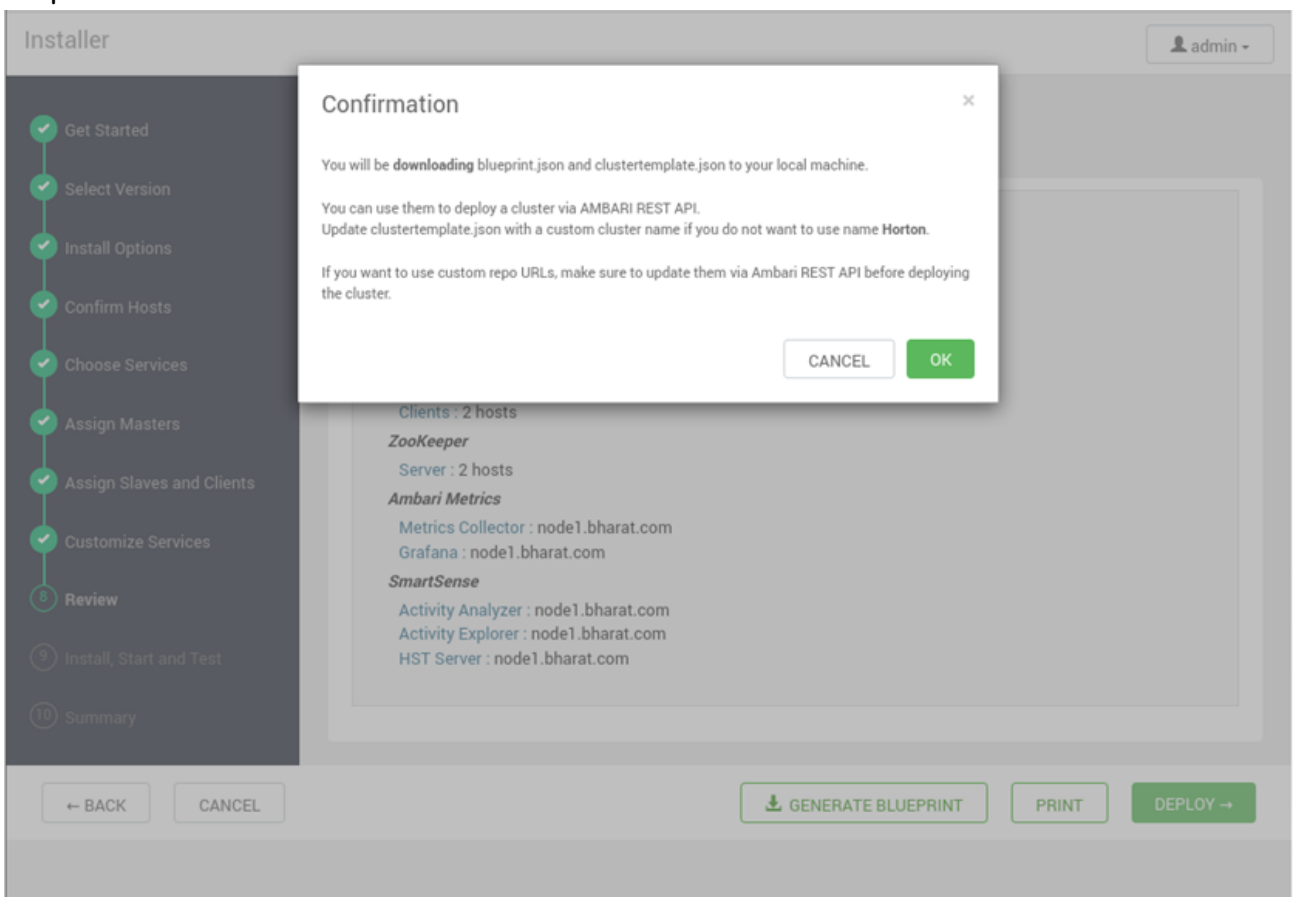
Step33:- Then click NEXT.



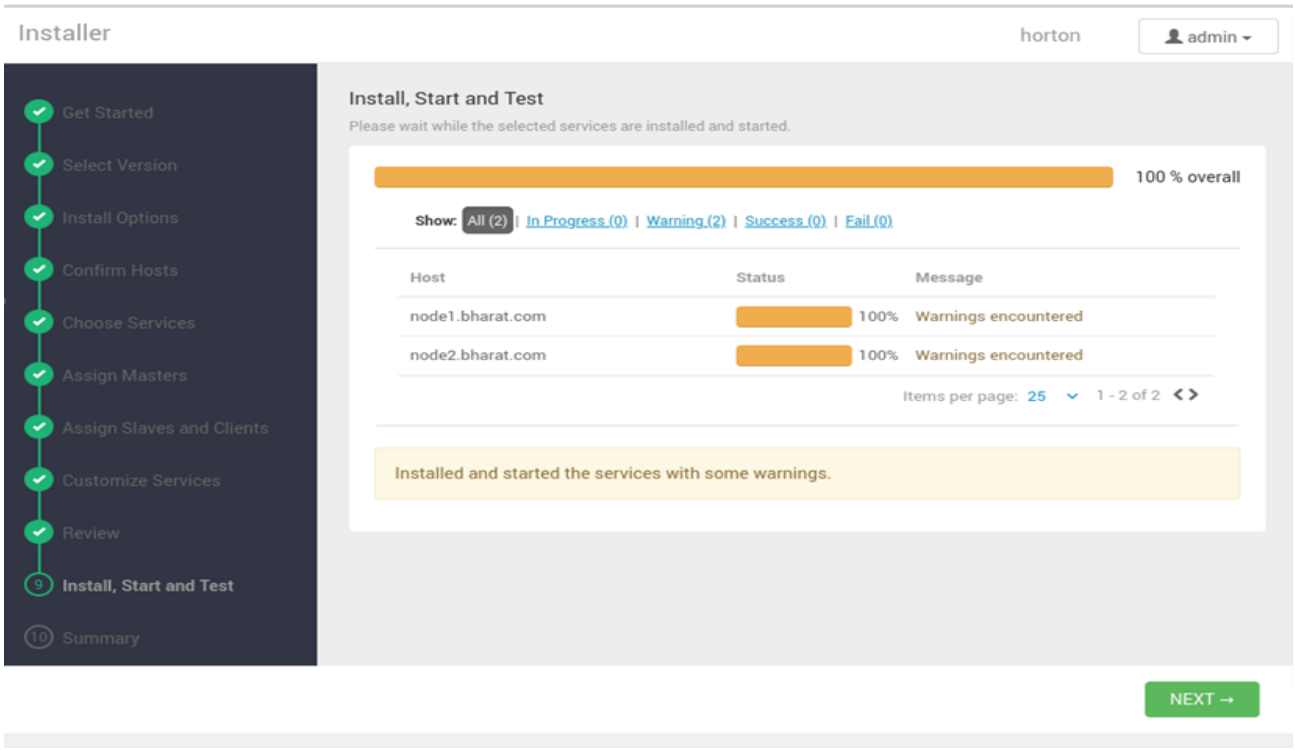
Step34:- Click on DEPLOY.



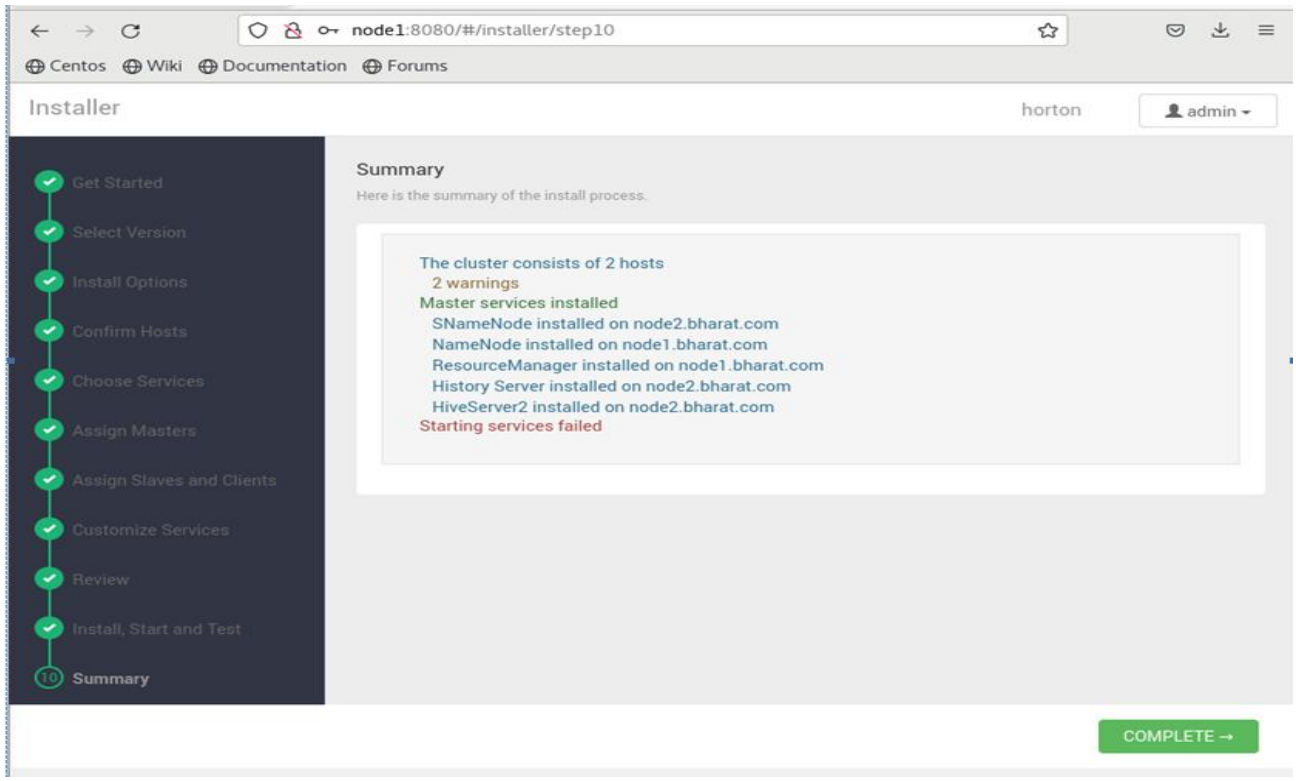
Step35: Click on OK.



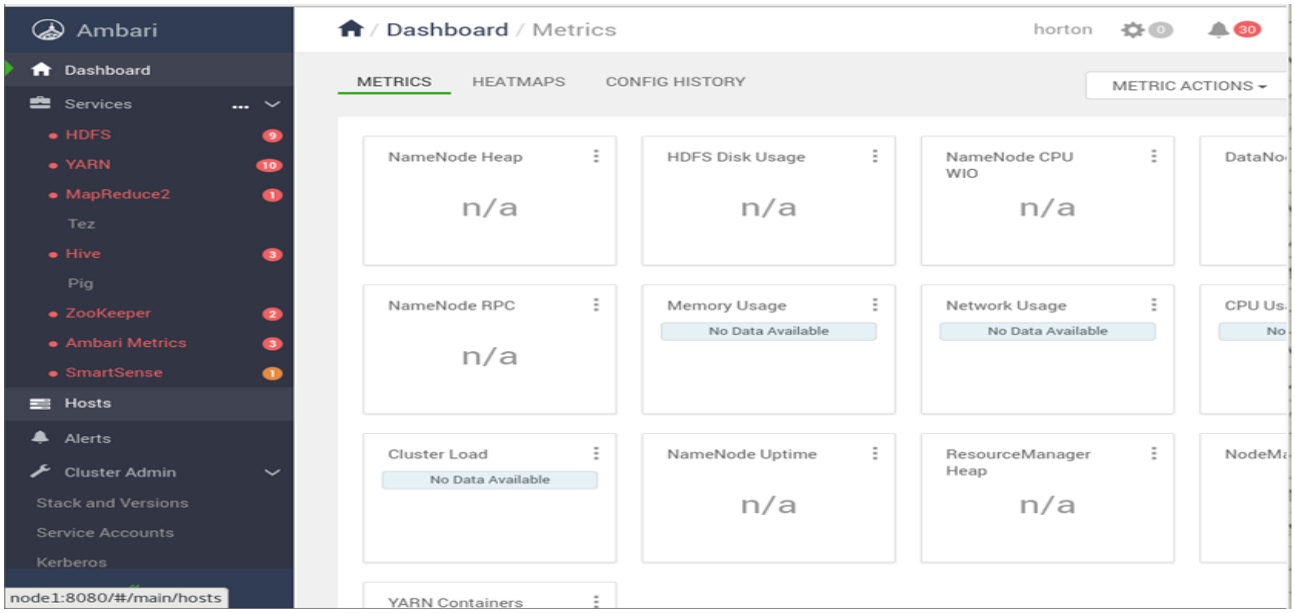
Step36: Click on NEXT.



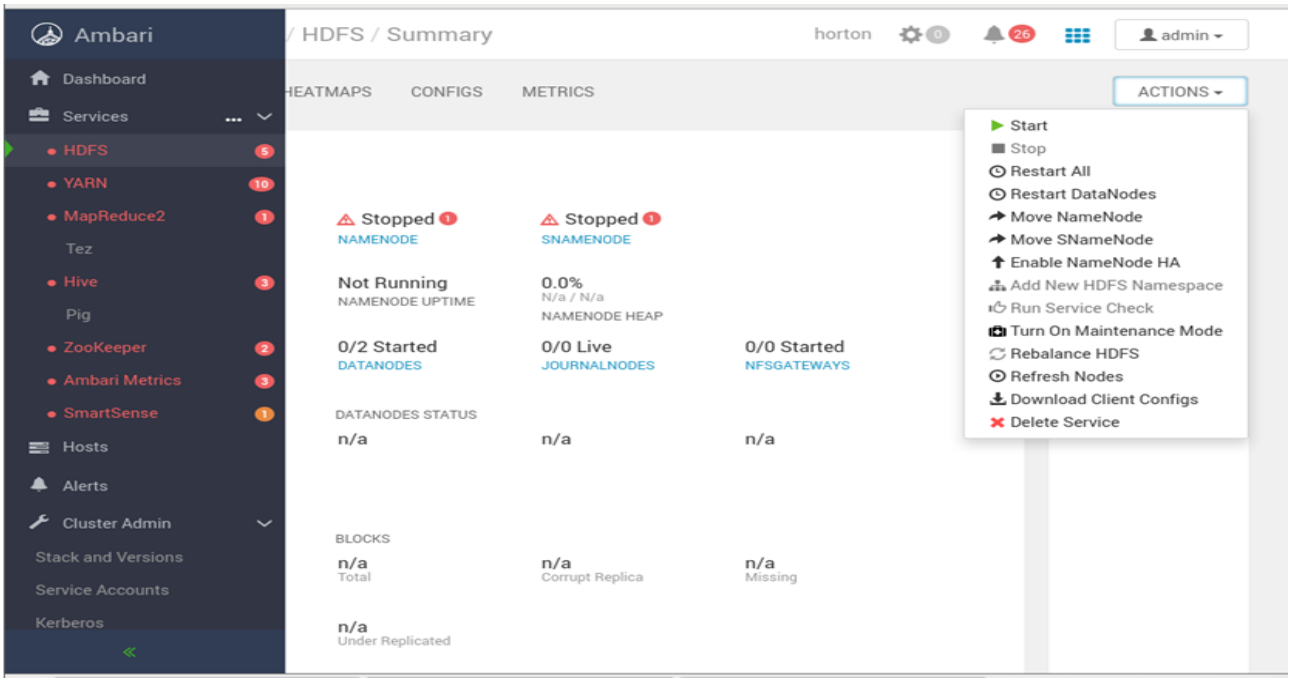
Step37:- Click on COMPLETE.



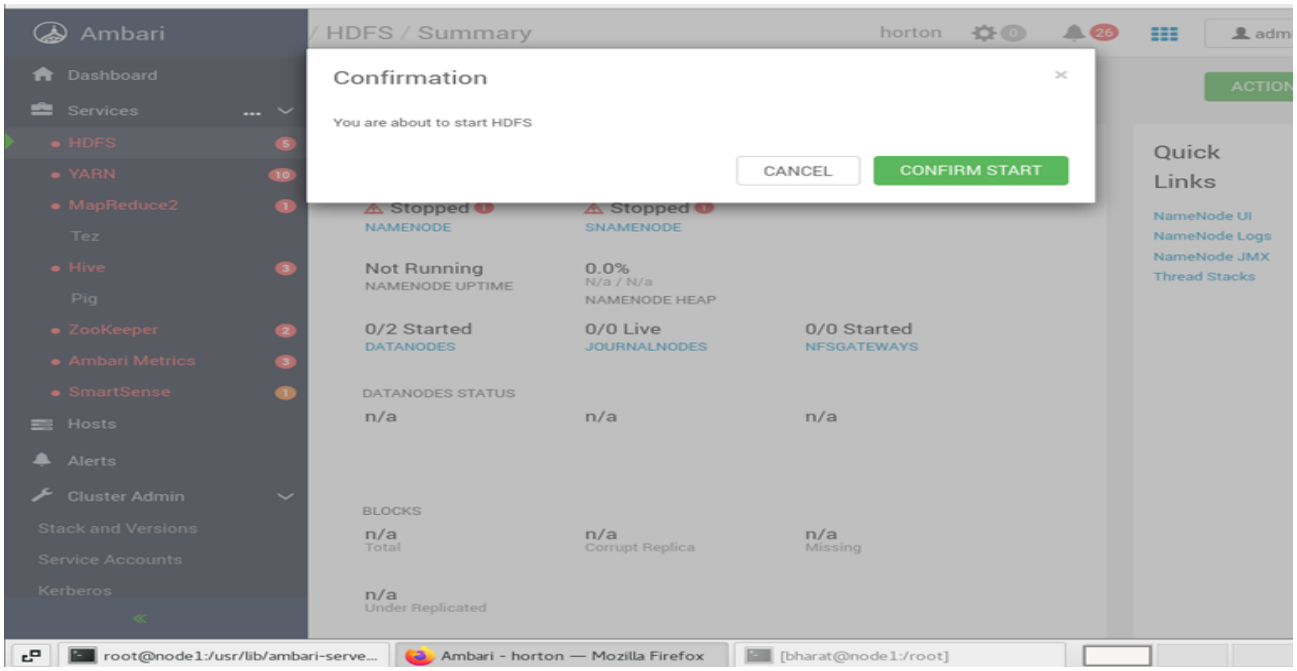
Step38:- See the Dashboard.



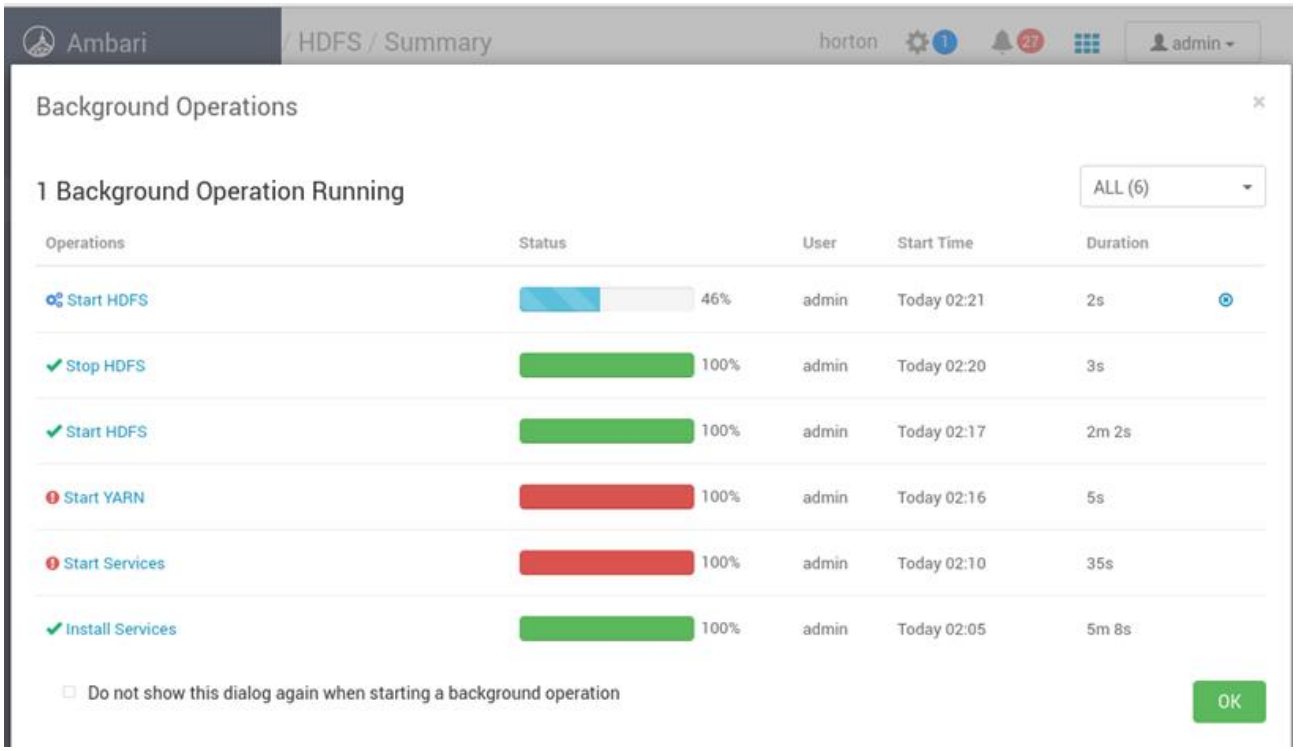
Step39:-Select HDFS and click on action button then start the services.



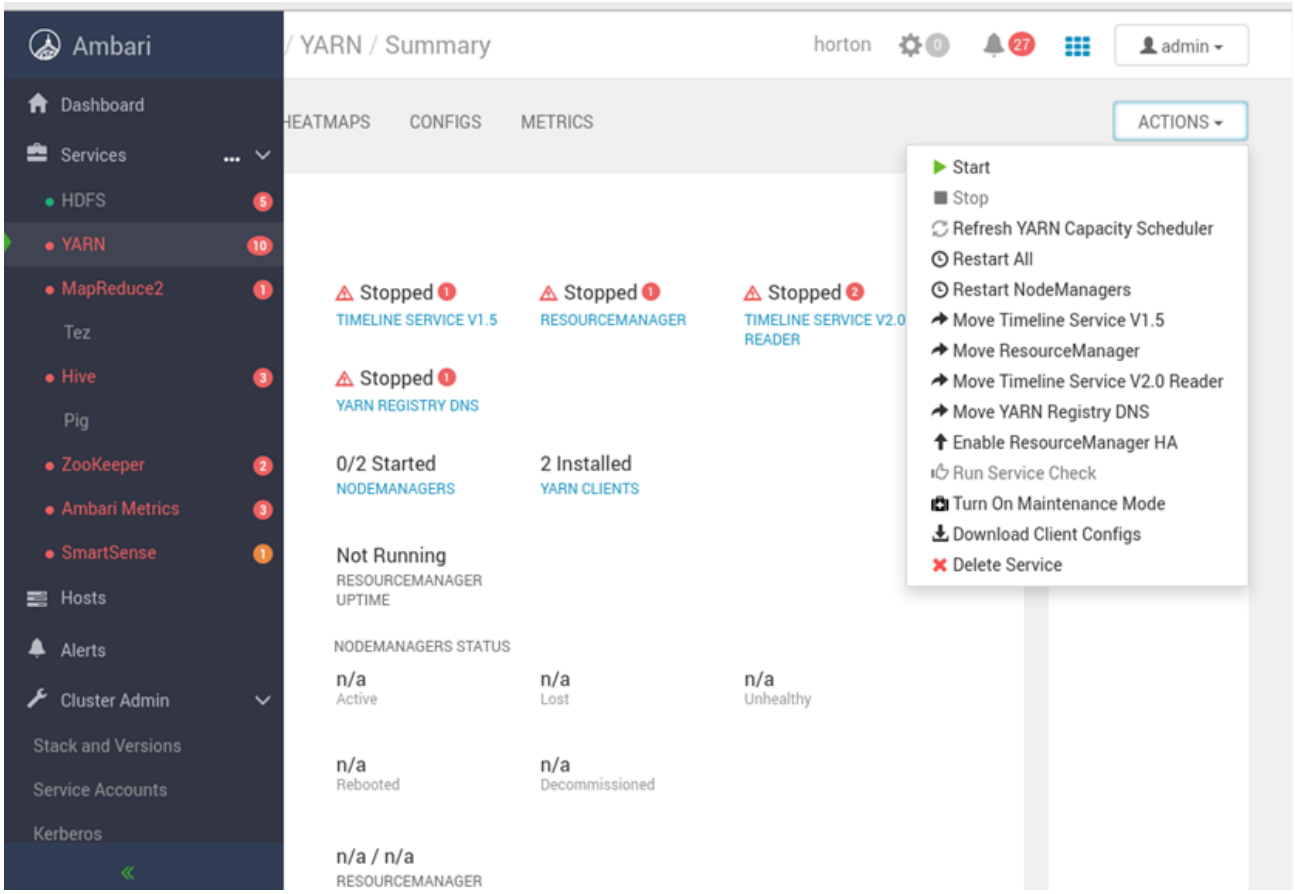
Step40:- Click on CONFIRM START.



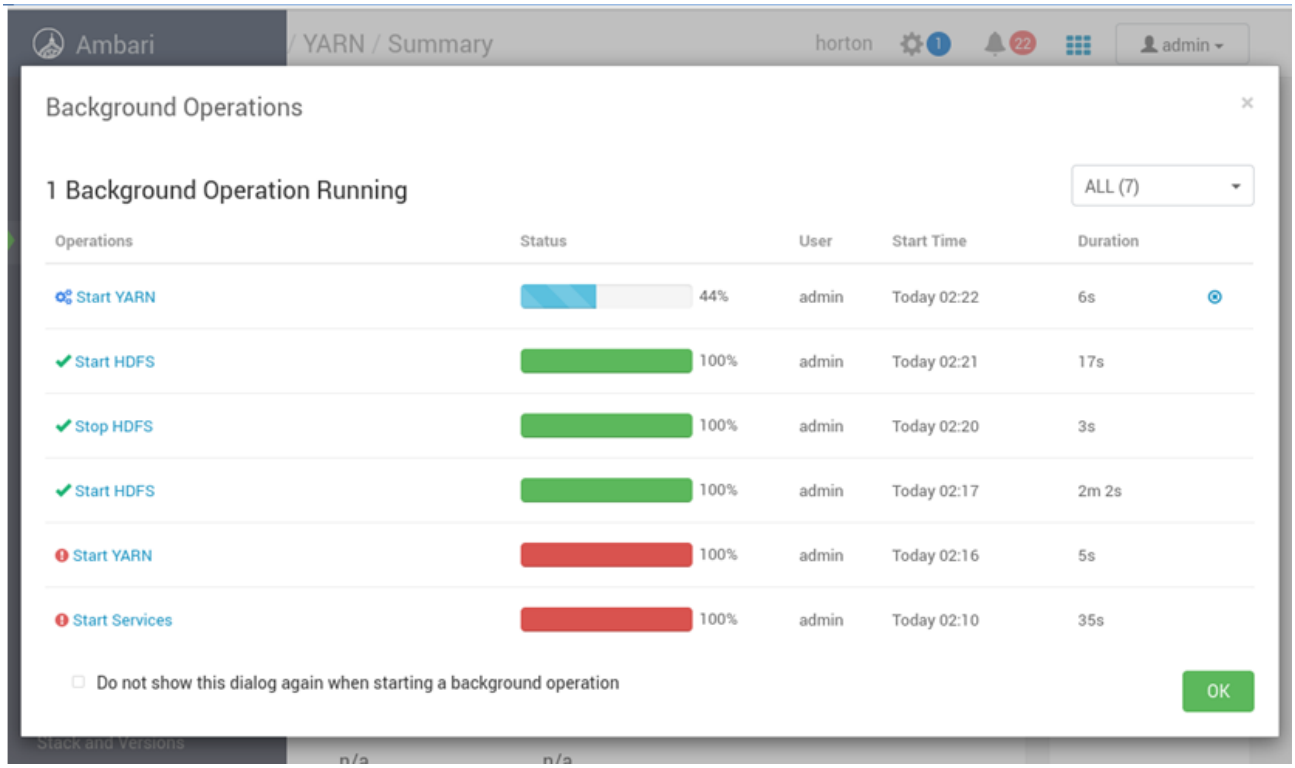
Step41:- See Only.



Step42:- Select YARN and click on ACTION button and start services.

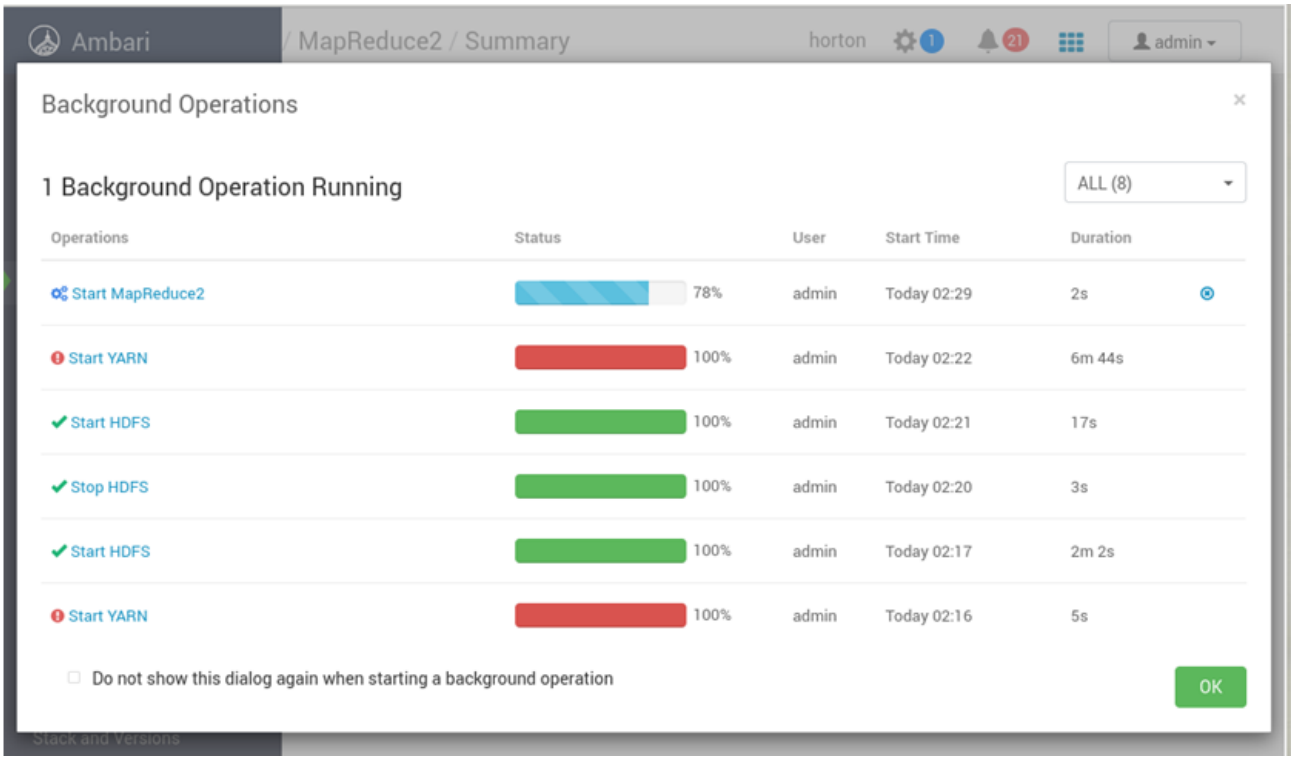


Step43:-YARN-→ Click on OK.

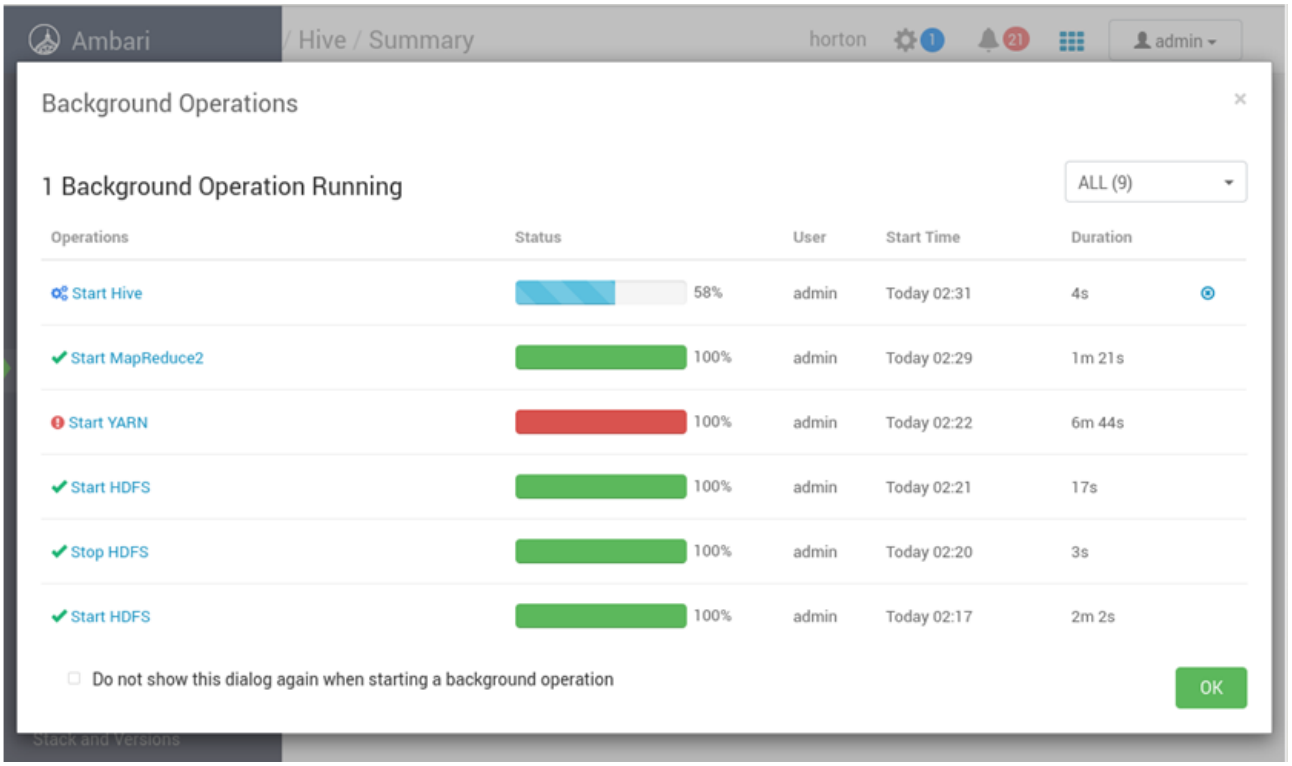


After that do the all reaming process same for all module.

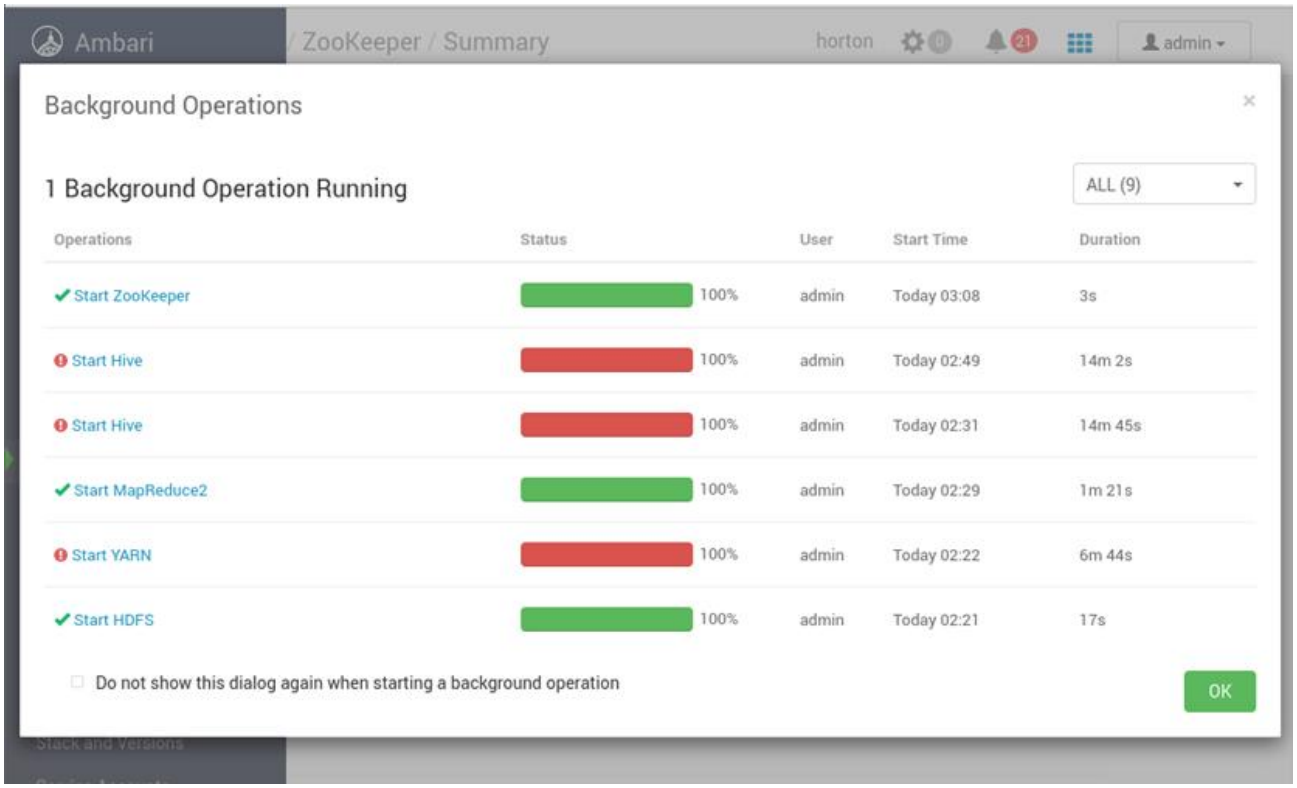
Step44:- MapReduce2



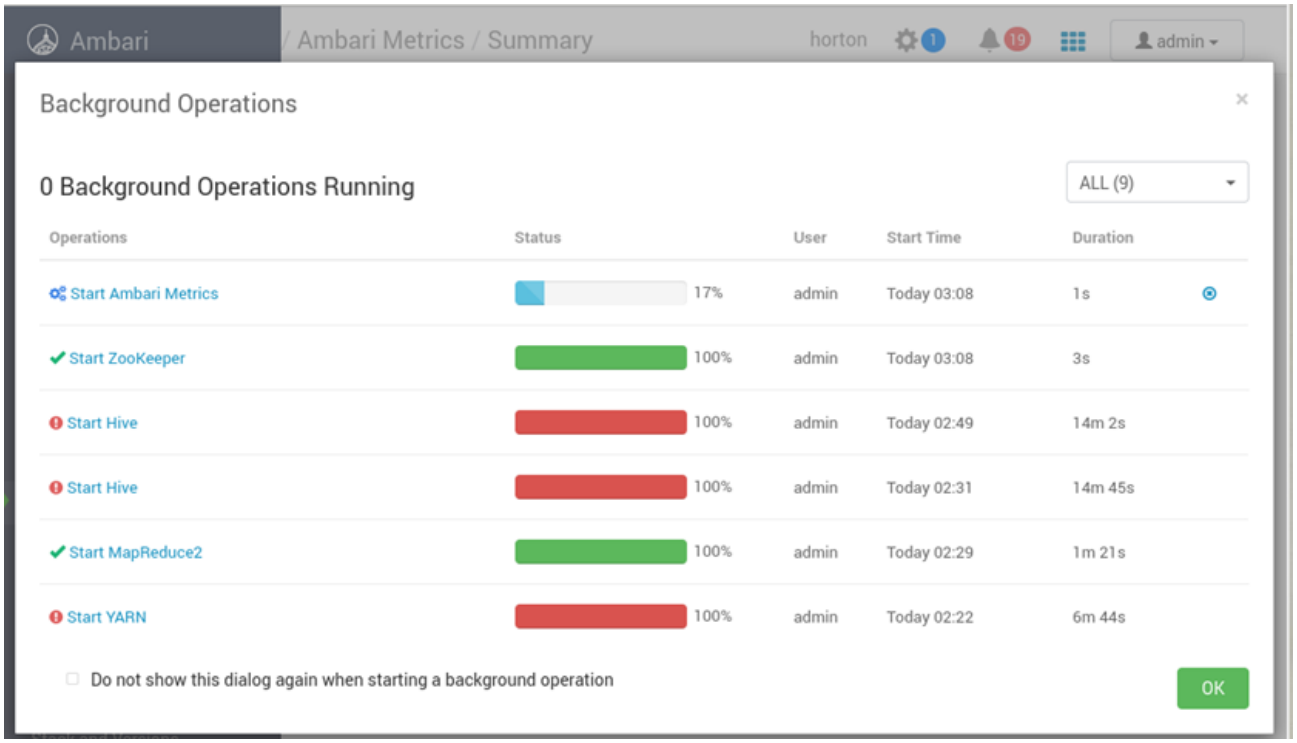
Step45:-Hive



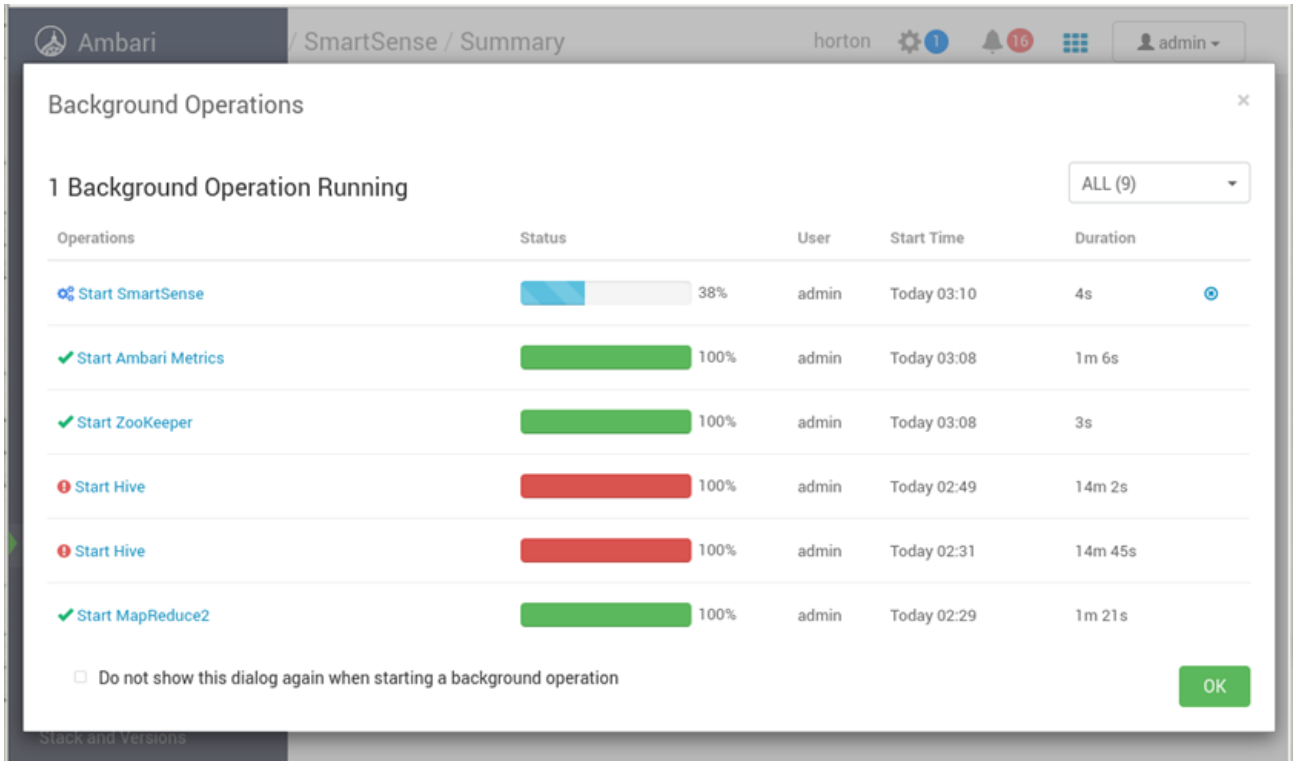
Step46:-ZooKeeper



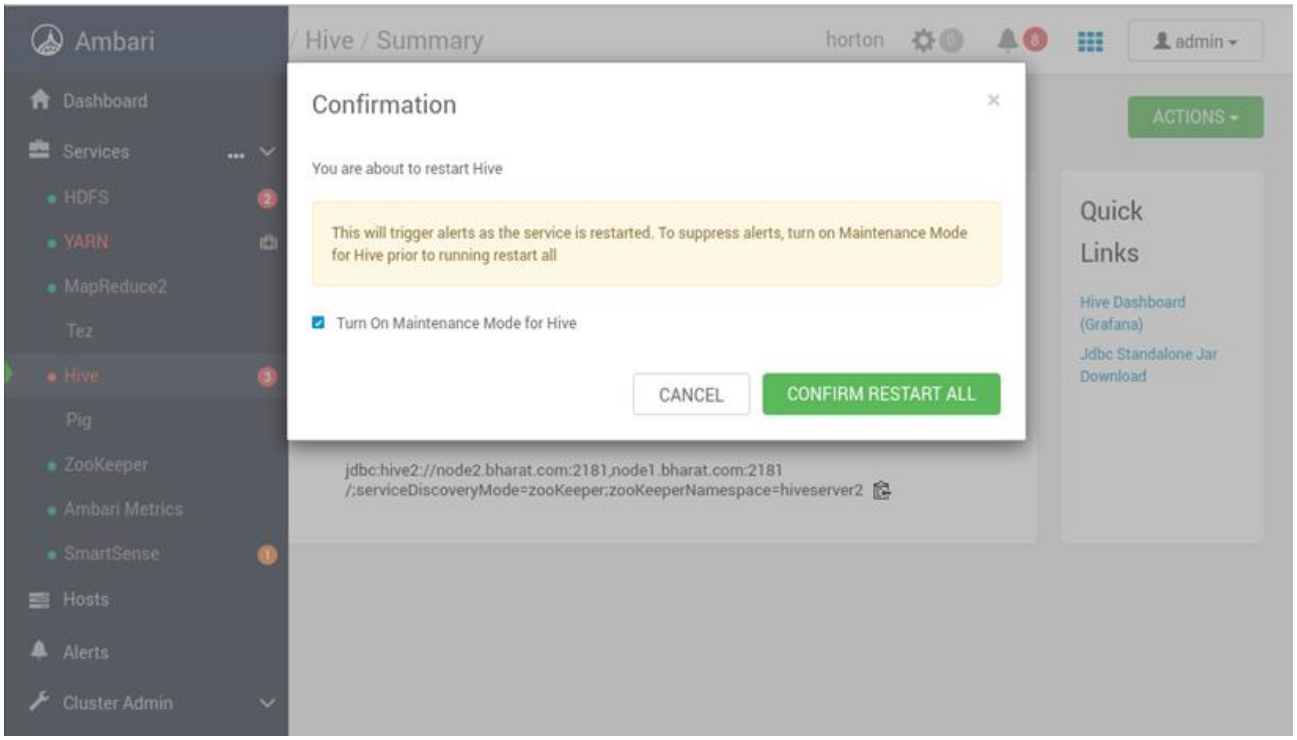
Step47:-Ambari Metrics



Step48:-SmartSense



Step49:- Then click on CONFIRM RESTART ALL.



Step50:- Successfully Completed Ambari installation.