



Development Environment

The right tools



Description

- CentOS 7
- MySQL 8.0.12
- Java 8
- Hadoop 3.1.1
- Hive 3.1.0
- Spark 2.3.2
- Presto 0.212
- PostgreSQL 9.2.24
- RabbitMQ 3.7.8
- Elasticsearch and Kibana 6.4.3-1



Where to download the VM

- <https://marclamberti.com/courses/the-complete-hands-on-course-to-master-apache-airflow/>



Start Your VM

1. When your VM is running you can either:
 - a. Use your terminal by connecting it through ssh with the command:
 - i. `ssh -p 2200 airflow@localhost`
 - b. If you are on Windows, you can use Putty: [How to use SSH in Putty](#)
2. Then execute the following commands:
 - a. `su -` (then enter the root password: centos)
 - b. `start-dfs.sh`
 - c. `exit`
 - d. `hive --service metastore &`
 - e. `sudo /opt/presto/bin/launcher start` (then enter the airflow password: airflow)
 - f. `sudo /opt/spark/sbin/start-master.sh`
 - g. `sudo /opt/spark/sbin/start-slaves.sh`



Accounts

ROLE / APP	LOGIN	PASSWORD
Root	root	centos
User	airflow	airflow
MySql	root	mysql
MySql	hive	hive
Jupyter	airflow	jupyter
RabbitMQ	admin	rabbitmq



Important Urls

APP	URL
Prestodb	http://localhost:8080/ui/
Spark master	http://localhost:8081
Jupyter	http://localhost:8888
Kibana	http://localhost:5601
Airflow	http://localhost:8083
RabbitMQ	http://localhost:15672



What If I don't want your VM?

- You can but
 - You will have to install everything
 - You will lose time
 - I will not be able to help you in case of missing packages and some mysterious errors
 - And I made this beautiful VM just for you <3