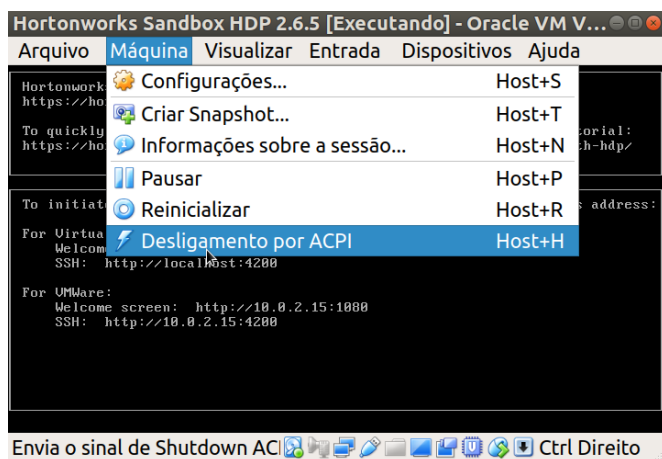# Informações sobre a VM Sandbox Hortonworks do curso

1) Para desligar a VM use sempre o desligamento do ACPI do VirtualBox

2) Lista de usuários e senhas: (para as senhas da Sandbox original, consulte https://br.hortonworks.com/tutorial/learning-the-ropes-of-the-hortonworks-sandbox/#login-credentials)

USUÁRIO	SENHA
admin	hdp123
maria_dev	maria_dev
raj_ops	raj_ops
holger_gov	holger_gov
amy_ds	amy_ds

Outras informações sobre usuários:

1.**admin**– System Administrator

2.**maria_dev**– Responsible for preparing and getting insight from data. She loves to explore different HDP components like Hive, Pig, HBase.

3.**raj_ops**– Responsible for infrastructure build, research and development activities like design, install, configure and administration. He serves as a technical expert in the area of system administration for complex operating systems.

4.**holger_gov**– Primarily for the management of data elements, both the content and metadata. He has a specialist role that incorporates processes, policies, guidelines and responsibilities for administering organizations' entire data in compliance with policy and/or regulatory obligations.

5.**amy_ds**– A data scientist who uses Hive, Spark and Zeppelin to do exploratory data analysis, data cleanup and transformation as preparation for analysis.

Some notable differences between these users in the Sandbox are mentioned below:

NAME ID(S)	ROLE	SERVIÇOS
Sam Admin	Ambari Admin	Ambari
Raj (raj_ops)	Hadoop Warehouse Operator	Hive/Tez, Ranger, Falcon, Knox, Sqoop, Oozie, Flume, Zookeeper
Maria (maria_dev)	Spark and SQL Developer	Hive, Zeppelin, MapReduce/Tez/Spark, Pig, Solr, HBase/Phoenix, Sqoop, NiFi, Storm, Kafka, Flume
Amy (amy_ds)	Data Scientist	Spark, Hive, R, Python, Scala
Holger (holger_gov)	Administrador de dados	Atlas

OS Level Authorization

NAME ID(S)	HDFS AUTHORIZATION	AMBARI AUTHORIZATION	RANGER AUTHORIZATION
Sam Admin	Max Ops	Ambari Admin	Admin access
Raj (raj_ops)	Access to Hive, Hbase, Atlas, Falcon, Ranger, Knox, Sqoop, Oozie, Flume, Operations	Cluster Administrator	Admin Access
Maria (maria_dev)	Access to Hive, Hbase, Falcon, Oozie and Spark	Service Operator	Normal User Access
Amy (amy_ds)	Access to Hive, Spark and Zeppelin	Service Operator	Normal User Access
Holger (holger_gov)	Access to Atlas	Service Administrator	Normal User Access

Other Differences

NAME ID(S)	SANDBOX ROLE	VIEW CONFIGURATIONS	START/STOP/RESTART SERVICE	MODIFY CONFIGURATIONS	ADD/DELETE SERVICES	INSTALL COMPONENTS	MANAGE USERS/GROUPS	MANAGE AMBARI VIEWS	ATLAS UI ACCESS	SAMPLE RANGER POLICY ACCESS
Sam Admin	Ambari Admin	Sim	Sim	Sim	Sim	Sim	Sim	Sim	Sim	NA
Raj (raj_ops)	Cluster Administrator	Sim	Sim	Sim	Sim	Sim	Não	Não	Não	Todos

NAME ID(S)	SANDBOX ROLE	VIEW CONFIGURATIONS	START/STOP/RESTART SERVICE	MODIFY CONFIGURATIONS	ADD/DELETE SERVICES	INSTALL COMPONENTS	MANAGE USERS/GROUPS	MANAGE AMBARI VIEWS	ATLAS UI ACCESS	SAMPLE RANGER POLICY ACCESS
Maria (maria_dev)	Service Operator	Sim	Sim	Não	Não	Não	Não	Não	Não	SELECT
Amy (amy_ds)	Service Operator	Sim	Sim	Não	Não	Não	Não	Não	Não	SELECT
Holger (holger_gov)	Service Administrator	Sim	Sim	Sim	Não	Não	Não	Não	Sim	SELECT, CREATE, DROP

3) Lista de Portas:

2222	Acesso SSH
4200	Acesso SSH pelo ShellInABox (pelo browser)
1080	Splash (tela de apresentação e acesso ao Ambari e Tutorial)
8080	Ambari
9995	Zeppelin

Para acesso a lista completa de portas:

https://br.hortonworks.com/tutorial/hortonworks-sandbox-guide/section/3/