

Universidad Del Valle de Guatemala
Base de datos
Bidkar Pojoy
Sección 20

Hadoop

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Pasos:

1. Crear maquina virtual de Linux (64 bits)
2. Apartar 3Mb de ram para la maquina virtual
3. Configurar maquina virtual
4. Actualizar sistema
5. Instalar Java 8
6. Deshabilitar conexiones IPv6
7. Configurar llaves de SSH
8. Instalar Hadoop
9. Configurar Hadoop
 - a. core-site.xml
 - b. hdfs-site.xml
 - c. mapred-site.xml
 - d. yarn-site.xml

Prueba de instalación de Hadoop

```
esteban@esteban-VirtualBox: ~  
esteban@esteban-VirtualBox:~$ su - hduser  
Password:  
esteban@esteban-VirtualBox:~$ start-dfs.sh  
WARNING: An illegal reflective access operation has occurred  
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.AnonymousAuthenticationFactory$AnonymousAuthenticationProvider  
ig.getInstance()  
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.AnonymousAuthenticationFactory$AnonymousAuthenticationProvider  
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations  
WARNING: All illegal access operations will be denied in a future release  
Starting namenodes on [localhost]  
localhost: namenode running as process 8832. Stop it first.  
localhost: datanode running as process 8962. Stop it first.  
Starting secondary namenodes [0.0.0.0]  
0.0.0.0: secondarynamenode running as process 9172. Stop it first.  
WARNING: An illegal reflective access operation has occurred  
WARNING: Illegal reflective access by org.apache.hadoop.security.authentication.util.AnonymousAuthenticationFactory$AnonymousAuthenticationProvider  
ig.getInstance()  
WARNING: Please consider reporting this to the maintainers of org.apache.hadoop.security.authentication.util.AnonymousAuthenticationFactory$AnonymousAuthenticationProvider  
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations  
WARNING: All illegal access operations will be denied in a future release  
esteban@esteban-VirtualBox:~$ start-yarn.sh  
starting yarn daemons  
resourcemanager running as process 9318. Stop it first.  
localhost: nodemanager running as process 9460. Stop it first.  
esteban@esteban-VirtualBox:~$ jps  
8832 NameNode  
8962 DataNode  
9460 NodeManager  
9172 SecondaryNameNode  
9318 ResourceManager  
16664 Jps
```

Guia usada para la instalacion:

<https://ricma.co/install-apache-hadoop-27-on-buntu-1604.html>

Video sugerido:

<https://www.youtube.com/watch?v=Y6oit3rCsZo>