MDS-535

Activity - 1

Contents

Overview and Task Summary	2
AWS User Account Creation	3 5
Creating and setting up an AWS Instance	
AWS Management Console Screenshot	
Installing dos2unix	
Invoking "java"	11
Invoking "Hadoop"	12
Errors	12

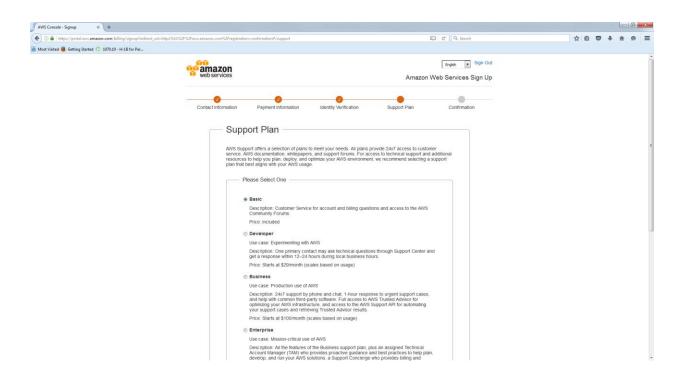
Overview and Task Summary

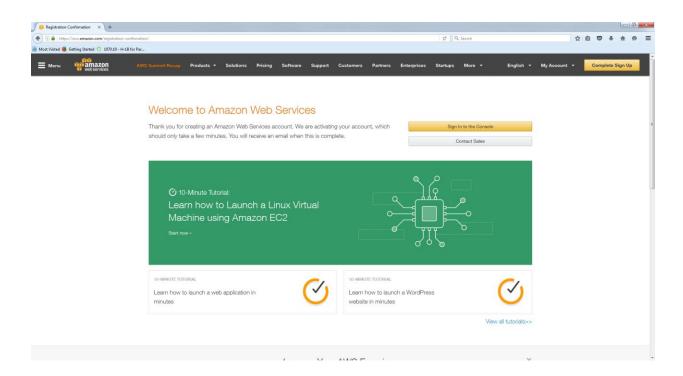
This is my first experience to install and setup an AWS instance for Hadoop. The how to setup document with instruction was very easy to follow with screenshots. I also captured my screenshots during installation and the final console. Once the setup was complete I copied the environment files env.sh and bashScript24.sh to the AWS instance. Also installed dos2unix and changed permissions for the files.

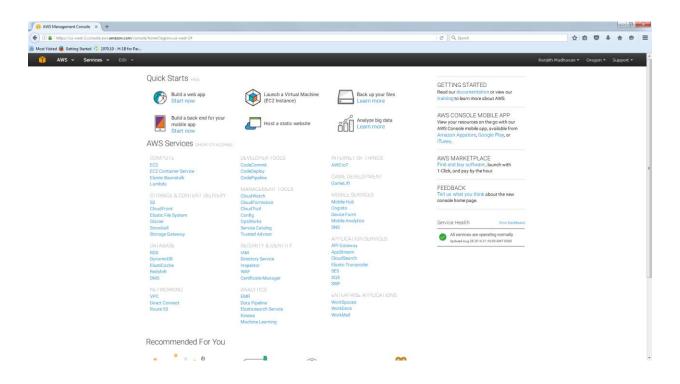
While sourcing the env.sh, there were error messages for directory exists but that can be ignored as those directories were already created as part of the bashScript24.sh.

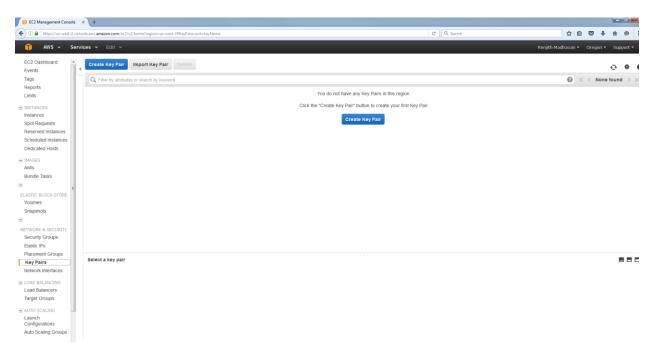
Finally I was able to invoke java and Hadoop commands without errors confirming that the setup worked as intended.

AWS User Account Creation

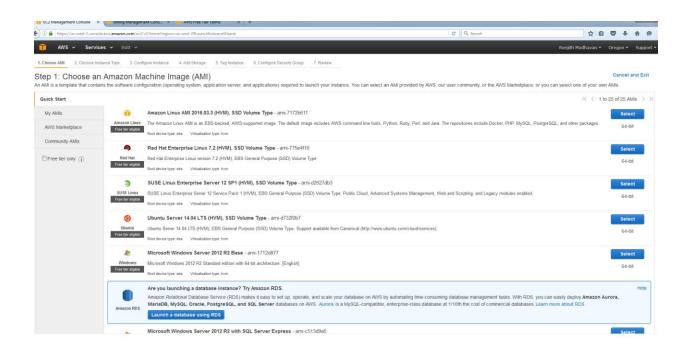


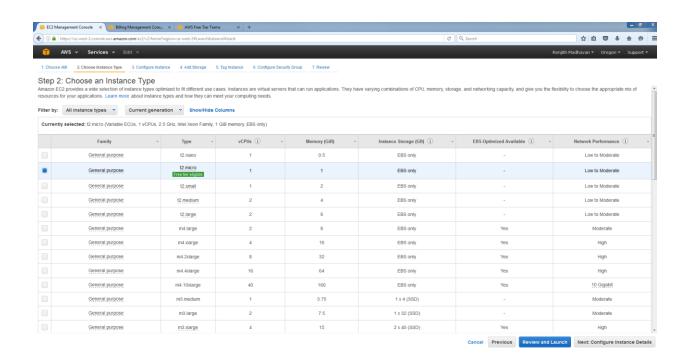


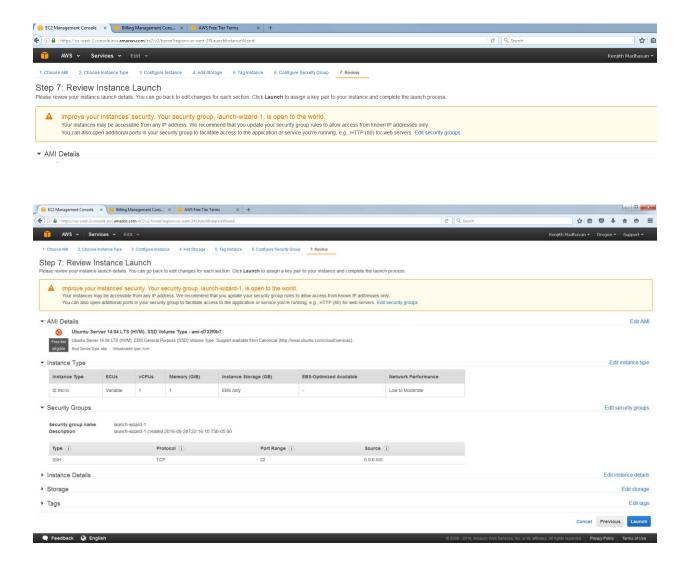


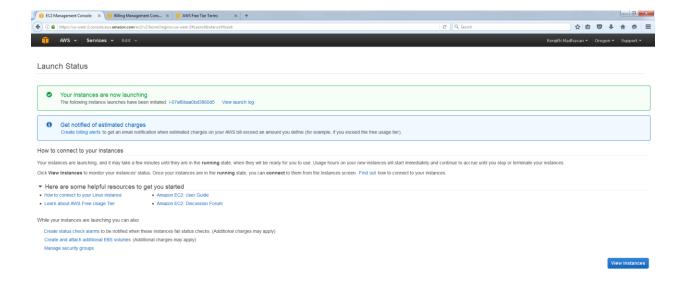


Creating and setting up an AWS Instance



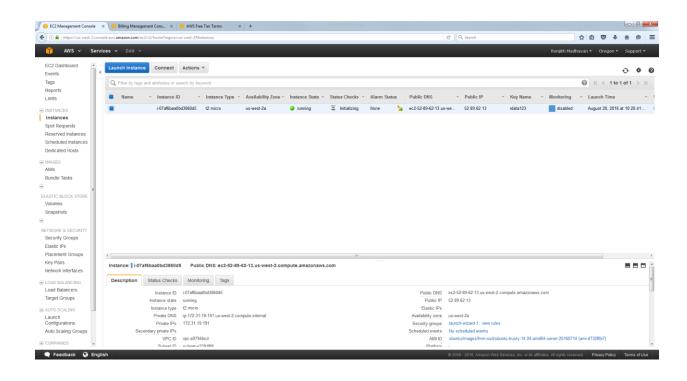


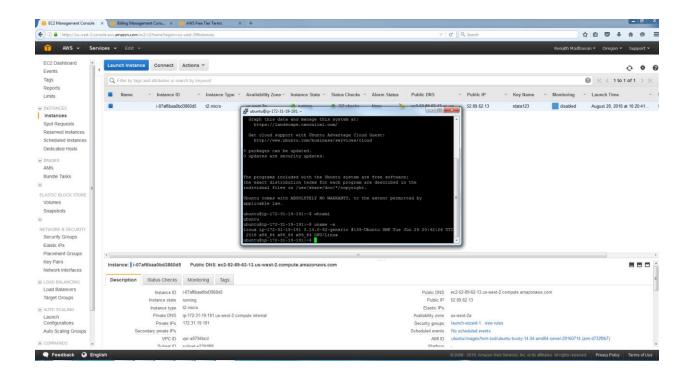


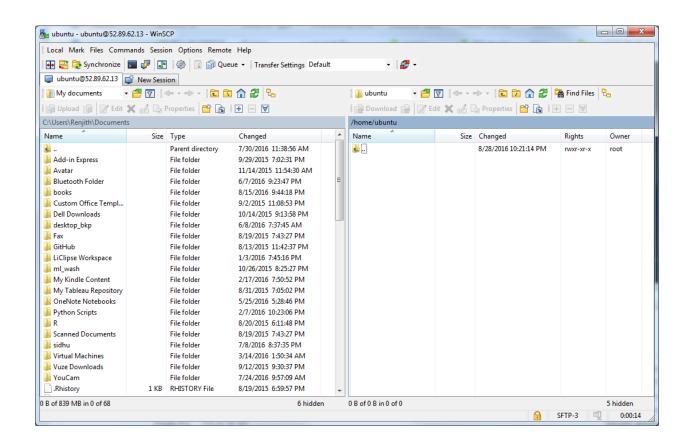


© 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use

AWS Management Console Screenshot







Installing dos2unix

```
ubuntu@ip-172-31-19-191:~$ sudo apt-get install dos2unix
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following NEW packages will be installed:
upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 68.7 kB of archives.
After this operation, 306 kB of additional disk space will be used.
Get:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu/ trusty/universe dos2unix amd64 6.0.4-1 [68.7 kB]
Fetched 68.7 kB in 0s (82.4 kB/s)
Selecting previously unselected package dos2unix.
(Reading database ... 51172 files and directories currently installed.)
Preparing to unpack .../dos2unix_6.0.4-1_amd64.deb ...
Unpacking dos2unix (6.0.4-1) ...
Processing triggers for man-db (2.6.7.1-1ubuntu1) ...
Setting up dos2unix (6.0.4-1) ...
ubuntu@ip-172-31-19-191:~$ pwd
/home/ubuntu
ubuntu@ip-172-31-19-191:~$ df -h
```

```
ubuntu@ip-172-31-19-191:~$ dos2unix bashScript24.sh dos2unix: converting file bashScript24.sh to Unix format ... ubuntu@ip-172-31-19-191:~$ dos2unix env.sh dos2unix: converting file env.sh to Unix format ... ubuntu@ip-172-31-19-191:~$ chmod 777 bashScript24.sh ubuntu@ip-172-31-19-191:~$ chmod 777 env.sh
```

Invoking "java"

Invoking "Hadoop"

```
-fis | -disable system assertions disable system assertions disable system assertions disable system assertions | -apartilis-lineance) (-equilibrane) (-equi
```

Errors

File exists error while sourcing env.sh

Found that these directories are already created part of bashScript24.sh, hence can be ignored.

```
abuntu@ip-172-31-31-237:~$
abuntu@ip-172-31-31-237:~$ source env.sh
akdir: cannot create directory âkmeansâ: File exists
akdir: cannot create directory â/home/ubuntu/kmeans/reuters-sgmâ: File exists
akdir: cannot create directory â/home/ubuntu/kmeans/reuters-outâ: File exists
abuntu@ip-172-31-31-237:~$
abuntu@ip-172-31-31-237:~$
```