Windows:

1. Search “windows defender security system”, firewall and network protection, domain/private/public network, firewall is off. Restart the machine.

Ambari

1. Open Browser, navigate to machine with port 8080 (ambari), log in with username “admin” and password “admin” (or use raj\_ops for username and password).
2. On the left hand bottom, click Action 🡪 Add service, Nifi, Next, Next, Next, Deploy 🡪 install nifi service (click the arrow to expand and wait for it to load), next, complete
3. restart all affected, confirm restart all / OR / action, start all
4. Click on Nifi, Quicklinks, UI… it will open Nifi in new tab

Terminal:

1. cd /ls
2. cd /opt (this is where nifi is installed; nifi only has permissions in this folder)
3. ls
4. cd H\* (goes to HDF-2.0.0.0-579 folder)
5. ls
6. cd /bin
7. ls
8. ./nifi.sh start (gives the java home and opt home)
9. ./nifi.sh run
10. cd .. (goes out to HDF-2.0.0.0-579 folder)
11. Mkdir test
12. cd test
13. vi hello 🡪 i, “Hello World”, esc+:wq (We made a directory called “test” and created a file called hello within that folder; the file contains “Hello World” in it)
14. cat hello
15. hdfs dfs –mkdir user/maria\_dev/target (creates a directory called “target” in Ambari)

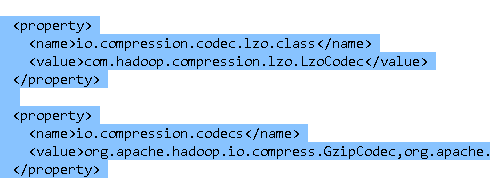
(ip):9090/nifi:

1. In NIFI, Add processor, Getfile, Add
2. Right click on Getfile, Configure
3. Go to Properties tab, “Keep Source file” set to true
4. Go to Properties tab , Under input directory, add “test”
5. Go to Settings tab, Auto-terminate relationships, Checkmark “success” 🡪 Apply
6. Add another processor called putHDFS, Add
7. Right click on putHdfs, Configure
8. Go to Settings tab, Auto-terminate relationships, Checkmark “success” and “failure”
9. Go to Properties tab , Under “Hadoop configuration resources” add “/etc/hadoop/conf/core-site.xml,/etc/hadoop/conf/hdfs-site.xml” 🡪 Apply
10. Connect Put with Get with the diagonal arrow in the center of the Get processor, Add
11. Add process, logAttribute
12. Right click and then copy/paste logAttribute so that you have two instances of it
13. For both logAttributes, right click to Configure, click success for auto-terminate, Apply
14. Connect putHDFS to one logAttribute, under the create connection popup, click “failure”
15. Connect putHDFS again to the other logAttribute, under the create connection popup, click “success”

Possible Solution to “LzoCodec not found” error: edit a copy of the ‘/etc/hadoop/conf/core-site.xml’ file located in the Hadoop directory by removing compression properties:

Terminal:

1. cd /etc/hadoop/conf/
2. cat core-site.xml
3. Remove properties below:



SUCCESS IS AT YOUR FEET!

Troubleshoot:

If nifi does not start

1. In terminal, navigate to
2. cd/opt/H\*/bin
3. ls
4. ./nifi.sh start
5. ./nifi.sh run