

GNU nano 4.8

/etc/hosts

Modified

172.31.29.24 n1

172.31.28.145 n2

The following lines are desirable for IPv6 capable hosts

::1 ip6-localhost ip6-loopback

fe00::0 ip6-localnet

ff00::0 ip6-mcastprefix

ff02::1 ip6-allnodes

ff02::2 ip6-allrouters

ff02::3 ip6-allhosts

```
ubuntu@s2:~$ exit
logout
Connection to 172.31.28.145 closed.
ubuntu@s1:~$ sudo nano /etc/hosts
ubuntu@s1:~$ sudo nano /etc/hosts
ubuntu@s1:~$ sudo nano /etc/hosts
ubuntu@s1:~$ ssh s2
```

```
ubuntu@ip-172-31-17-18:/etc/dsh$ ls
dsh.conf  group  machines.list
ubuntu@ip-172-31-17-18:/etc/dsh$ sudo nano machines.list
ubuntu@ip-172-31-17-18:/etc/dsh$ cd
ubuntu@ip-172-31-17-18:~$ dsh -a wget https://archive.apache.org/dist/hadoop/core/hadoop-1.2.1/hadoop-1.2.1.tar.gz
--2023-10-03 06:55:23-- https://archive.apache.org/dist/hadoop/core/hadoop-1.2.1/hadoop-1.2.1.tar.gz
```

```
ubuntu@ip-172-31-17-18:~$ ls
ubuntu@ip-172-31-17-18:~$ sudo apt update
Hit:1 http://us-west-2.ec2.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://us-west-2.ec2.archive.ubuntu.com/ubuntu focal-updates InRelease [11
4 kB]
```

Reading state information... Done

111 packages can be upgraded. Run 'apt list --upgradable' to see them.

ubuntu@ip-172-31-17-18:~\$ sudo apt install openjdk-17-jdk

Reading package lists... Done


Building dependency tree

aws new 3.PNG

```
1 error
ubuntu@ip-172-31-17-18:~$ java -version
openjdk version "17.0.8.1" 2023-08-24
OpenJDK Runtime Environment (build 17.0.8.1)
```

```
OBwH3uVn+3Q0bcXG23Op1OKCEFzjCfA7RWCnYEA8LuQZVfRnfN9zsYo4tbUCcUKBYaC7qf  
ip-172-31-17-18  
ubuntu@ip-172-31-17-18:~/.ssh$ cat id_rsa.pub >> authorized_keys  
ubuntu@ip-172-31-17-18:~/.ssh$
```

Create bucket [Info](#)

Buckets are containers for data stored in S3. [Learn more](#) 

General configuration

Bucket name

 **Bucket with the same name already exists**

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#) 


```
ff02::3 ip6-allhosts
ubuntu@ip-172-31-17-18:~$ nano .profile
ubuntu@ip-172-31-17-18:~$ source .profile
Agent pid 6385
Identity added: /home/ubuntu/nw-Animesh.pem (/home/ubuntu/nw-Animesh.pem)
ubuntu@ip-172-31-17-18:~$
```

```
scp: .: not a regular file
```

```
ubuntu@ip-172-31-17-18:~$ ssh nn
```

```
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1036-aws x86_64)
```

Run 'do-release-upgrade' to upgrade to 18.

Last login: Tue Oct 3 06:33:01 2023 from 172.31.17.18

Agent pid 7304

Identity added: /home/ubuntu/nw-Animesh.pem (/home/ubuntu/nw-Animesh.pem)

ubuntu@ip-172-31-17-18:~\$ sudo apt install dsh -y

```
ubuntu@ip-172-31-17-18:~$ uptime
```

```
06:45:33 up 1:44, 6 users, load average: 0.00, 0.01, 0.00
```

```
ubuntu@ip-172-31-17-18:~$ dsh -a uptime
```

```
06:46:00 up 1:45, 6 users, load average: 0.00, 0.01, 0.00
```

```
ubuntu@ip-172-31-17-18:~$
```



```
23/10/03 13:27:10 INFO util.GSet: VM type          = 64-bit
23/10/03 13:27:10 INFO util.GSet: 0.029999999329447746% max memory 966.7 MB =
7.0 KB
23/10/03 13:27:10 INFO util.GSet: capacity        = 2^15 = 32768 entries
23/10/03 13:27:10 INFO namenode.NNConf: ACLs enabled? false
23/10/03 13:27:10 INFO namenode.NNConf: XAttrs enabled? true
23/10/03 13:27:10 INFO namenode.NNConf: Maximum size of an xattr: 16384
Re-format filesystem in Storage Directory /usr/local/hadoop/tmp/dfs/name ? (Y
N) y
23/10/03 13:27:16 INFO namenode.FSImage: Allocated new BlockPoolId: BP-2130924
6-172.31.25.39-1696339636536
23/10/03 13:27:16 INFO common.Storage: Storage directory /usr/local/hadoop/tmp
fs/name has been successfully formatted.
23/10/03 13:27:16 INFO namenode.NNStorageRetentionManager: Going to retain 1 i
ges with txid >= 0
23/10/03 13:27:16 INFO util.ExitUtil: Exiting with status 0
23/10/03 13:27:16 INFO namenode.NameNode: SHUTDOWN_MSG:
/*****
SHUTDOWN_MSG: Shutting down NameNode at ip-172-31-25-39/172.31.25.39
*****/
ubuntu@ip-172-31-25-39:/usr/local/hadoop$ dsh -a jps
3874 Jps
7142 Jps
ubuntu@ip-172-31-25-39:/usr/local/hadoop$ dsh -a jps
```

```
Last login: Tue Oct  3 05:45:28 2023 from 127.0.0.1
ubuntu@ip-172-31-17-18:~$ wget https://a-nw-animesh.s3.us-west-2.amazonaws.com/nw-Animesh.pem
--2023-10-03 06:06:40--  https://a-nw-animesh.s3.us-west-2.amazonaws.com/nw-Animesh.pem
Resolving a-nw-animesh.s3.us-west-2.amazonaws.com (a-nw-animesh.s3.us-west-2.amazonaws.com)... 3.5.83.224, 3.5.87.147, 52.92.130.178, ...
```

NameNode '127.0.0.1:9000'

Started: Tue Oct 03 07:57:41 UTC 2023
Version: 1.2.1, r1503152
Compiled: Mon Jul 22 15:23:09 PDT 2013 by mattf
Upgrades: There are no upgrades in progress.

[Browse the filesystem](#)

[Namenode Logs](#)

Cluster Summary

8 files and directories, 1 blocks = 9 total. Heap Size is 23.57 MB / 966.69 MB (2%)

Configured Capacity	:	7.57 GB
DFS Used	:	40 KB
Non DFS Used	:	2.9 GB
DFS Remaining	:	4.67 GB
DFS Used%	:	0 %
DFS Remaining%	:	61.68 %
Live Nodes	:	1
Dead Nodes	:	0
Decommissioning Nodes	:	0
Number of Under-Replicated Blocks	:	0