

LAB 4

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Exp1:

AK	1477953211577
TX	676586997978
CA	403466310059
MT	376961878670
NM	314160748240
AZ	294207314414
NV	284331937541
CO	268431246426
WY	251470069067
OR	248607802255

Exp2:

```
cpre419@cpre419-VirtualBox:~/Downloads$ hadoop fs -cat /lab6/exp2/output/*
2022-03-06 20:29:50,675 INFO sasl.SaslDataTransferClient: SASL encryption trust
check: localhostTrusted = false, remoteHostTrusted = false
10.31.24.241      273
192.168.1.4      114
10.31.4.211      70
10.31.4.188      52
107.152.26.197   4
17.134.127.250   4
162.125.34.137   4
162.125.33.7     4
162.125.18.133   4
107.152.25.197   4
```

Exp3:

firewall

```
cpre419@cpre419-VirtualBox:~/Downloads$ hadoop fs -cat /lab6/exp3/firewall/part-
r-00000 | head -n 10
2022-03-09 10:34:15,804 INFO sasl.SaslDataTransferClient: SASL encryption trust
check: localhostTrusted = false, remoteHostTrusted = false
15:28:46.539147 0 10.31.27.252.1985 224.0.0.102.1985: Blocked
15:28:47.479137 1 10.31.26.186.5353 224.0.0.251.5353: Blocked
15:28:47.479217 2 10.31.26.216.5353 224.0.0.251.5353: Blocked
15:28:48.105882 3 10.31.27.253.1985 224.0.0.102.1985: Blocked
15:28:48.628287 5 10.10.251.232 224.0.0.1: Blocked
15:28:49.672578 8 10.31.26.216.5353 224.0.0.251.5353: Blocked
15:28:50.194885 10 10.31.24.175.5353 224.0.0.251.5353: Blocked
15:28:50.299328 11 10.33.14.68.5353 224.0.0.251.5353: Blocked
15:28:50.403757 12 10.33.14.68.5353 224.0.0.251.5353: Blocked
15:28:50.508240 13 10.31.26.216.5353 224.0.0.251.5353: Blocked
cat: Unable to write to output stream.
```

output:

```
cpre419@cpre419-VirtualBox:~/hadoop/sbin$ hadoop fs -cat /lab6/exp3/output/part-  
r-00000 | head -n 10  
2022-03-09 10:50:29,632 INFO sasl.SaslDataTransferClient: SASL encryption trust  
check: localhostTrusted = false, remoteHostTrusted = false  
13.249.140.62.443      73223  
23.35.205.78.443      46495  
10.31.24.241.64121    18179  
151.101.148.133.443   11473  
130.211.46.84.443    10590  
10.31.24.241.63030    10361  
100.24.180.47.443     3864  
10.31.27.253.1985     3809  
10.31.27.252.1985     3764  
10.31.24.241.64037    3357
```