1. **NETWORK BENCHMARK**
2. TCP BENCHMARK

1) Launch two amazon t2.micro instances

2) Copy TCPBenchMark Folder to both the instances

3) Choose one instance as the server and the other as client to do the bench marking

**SingleThreaded Sever and Client**

4) Steps to run in SERVER

javac TCPBenchMark/\*.java

java -DCompiler="NONE" TCPBenchMark.TCPServerSingleThread

Steps to run in Client

javac TCPBenchMark/\*.java

java -DCompiler="NONE" TCPBenchMark.TCPClientSingleThread

**Enter the host IP address(PRIVATE IP of the micro instance) to proceed with the client operations .Also the security group at the ec2 configurations should be set as ALL TRAFFIC**

**Two Threaded Server and Client**

5) Steps to run in SERVER

javac TCPBenchMark/\*.java

java -DCompiler="NONE" TCPBenchMark.TCPServerTwoThreads

Steps to run in Client

javac TCPBenchMark/\*.java

java -DCompiler="NONE" TCPBenchMark.TCPClientTwoThreads

1. UDP BENCHMARK

1) Launch two amazon t2.micro instances

2) Copy UDPBenchMark Folder to both the instances

3) Choose one instance as the server and the other as client to do the bench marking

**SingleThreaded Sever and Client**

4) Steps to run in SERVER

javac UDPBenchMark/\*.java

java -DCompiler="NONE" UDPBenchMark.UDPServerSingleThread

Steps to run in Client

javac UDPBenchMark/\*.java

java -DCompiler="NONE" UDPBenchMark.UDPClientSingleThread

**Two Threaded Server and Client**

5) Steps to run in SERVER

javac UDPBenchMark/\*.java

java -DCompiler="NONE" UDPBenchMark.UDPServerTwoThreads

Steps to run in Client

javac UDPBenchMark/\*.java

java -DCompiler="NONE" UDPBenchMark.UDPClientTwoThreads