### **Screenshots:**

aws configure:

```
ec2-user@ip-172-31-11-199:~
                                                            r@ip-172-31-11-199:~

-rw-rw-r-- 1 ec2-user ec2-user

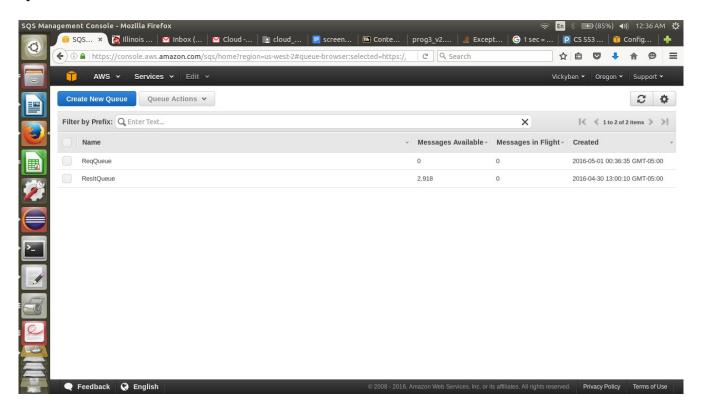
-rw-rw-r
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     🤶 En 🔻 💷 (70%) ♦)) 9:45 PM 😃
                                                                                                                                                                                                                                                                                                                                                                                            240 May 1 01:23 task10s2t.txt 480 May 1 01:23 task10s4t.txt 960 May 1 01:22 task10s8t.txt 144000 May 1 01:15 task1600016t.txt 17600 May 1 01:17 task1s16.txt 1100 May 1 01:17 task1s1t.txt 2200 May 1 01:17 task1s2t.txt 4400 May 1 01:17 task1s4t.txt 8800 May 1 01:17 task1s8t.txt 18000 May 1 01:16 task20002t.txt 36000 May 1 01:16 task20002t.txt 72000 May 1 01:16 task80008t.txt 84999 Apr 30 23:51 task.txt
                   O
                 ec2-user
                                                                     [ec2-user@ip-172-31-11-199 home]$ ls -l
                                                                  total 4
                                                                drwx----- 4 ec2-user ec2-user 4096 May 1 01:23 ec2-user

[ec2-user@ip-172-31-11-199 home]$ ^C

[ec2-user@ip-172-31-11-199 home]$

[ec2-user@ip-172-31-11-199 home]$ ls
                                                              [ec2-user@tp-1/2-3-ec2-user
[ec2-user@tp-172-31-11-199 home]$ cd ec2-user
[ec2-user@tp-172-31-11-199 ~]$ ls
[ec2-user@tp-172-31-11-199 ~]$ ls
[dk-8u73-linux-x64.rpm task10001t.txt task10s1t.txt task10s8t.txt
LocalCtlentWorker.jar task100k.txt task10s2t.txt task1600016t.txt
RenoteClientWorker.jar task10s16t.txt task10s4t.txt task1s16t.txt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            task80008t.txt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 task1s1t.txt task1s8t.txt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               task1s2t.txt task20002t.txt
task1s4t.txt task40004t.txt
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            task.txt
                                                                RenoteClientNorker.jar task10s10t.txt task10s4t.txt task1s10t.txt task1s10t.txt task1s10t.txt task1s10t.txt task1s10t.txt task1s10t.txt task1s10t.txt task1s11t.txt task1s10t.txt task1s
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            task80008t.txt
                                                          RemoteclientWorker.jar task10s16t.txt task10s4t.txt task1s16t.txt
[ec2-user@ip-172-31-11-199 ~]$ cd aws
-bash: cd: aws: No such file or directory
[ec2-user@ip-172-31-11-199 ~]$ aws configure
AWS Access Key ID [None]: AKIAIKRBSCMZYSXOPHWA
AWS Secret Access Key [None]: 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
Default region name [None]: US_WEST_2
Default output format [None]:
```

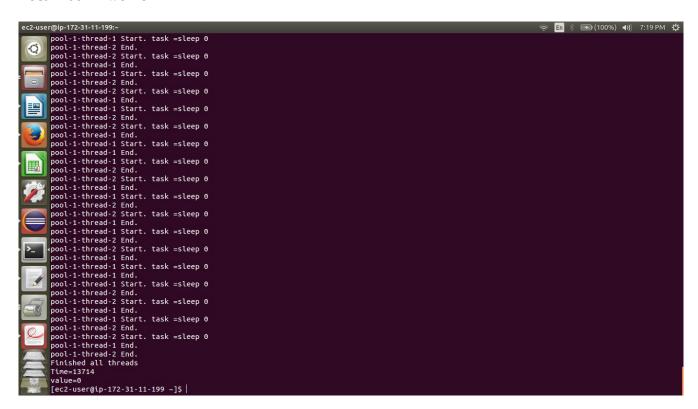
#### Queue



#### Local 100k 1 worker

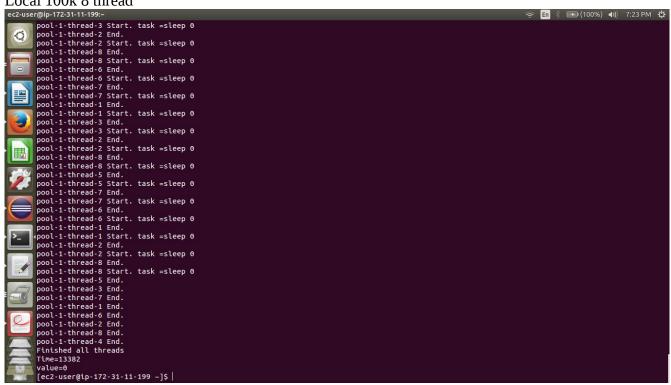
```
| coll-1-thread-1 End. | coll-1-thread-1 End.
```

#### Local 100k 2 worker

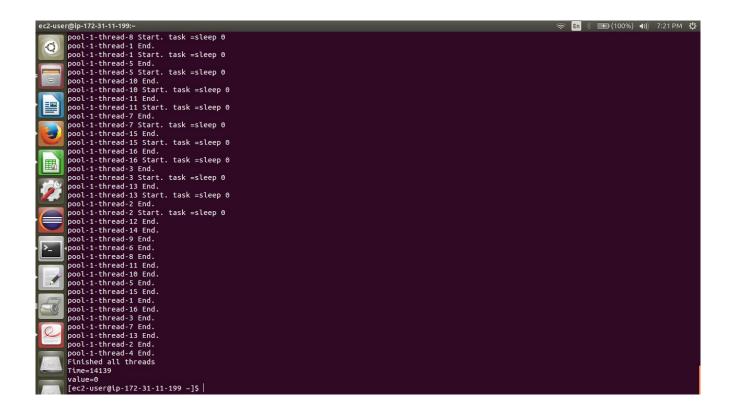


Local 100k 4 thread

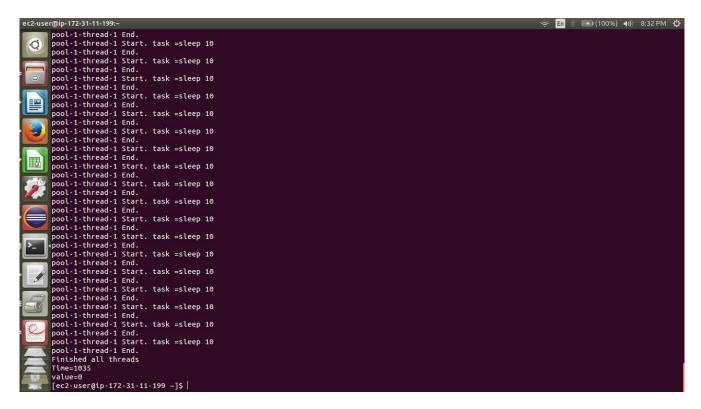
#### Local 100k 8 thread



Local 100k 16 thread

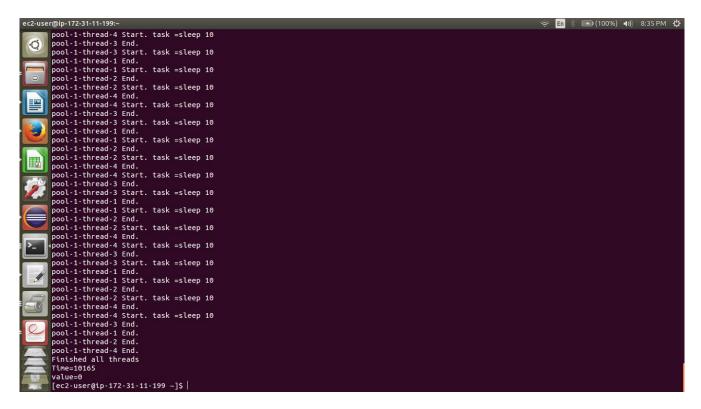


Local 1000 per worker for 10 ms tasks for 1 worker

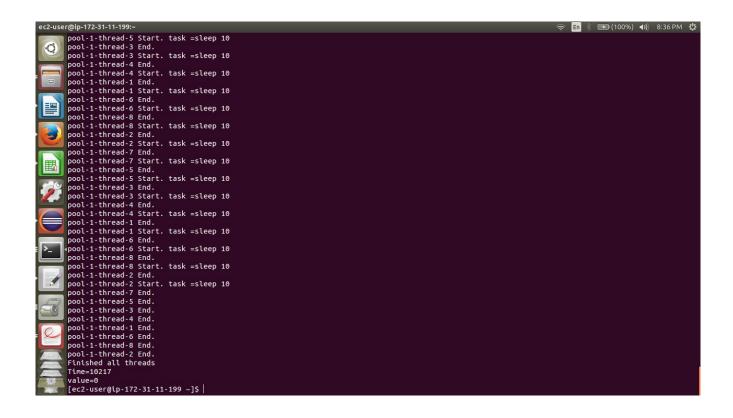


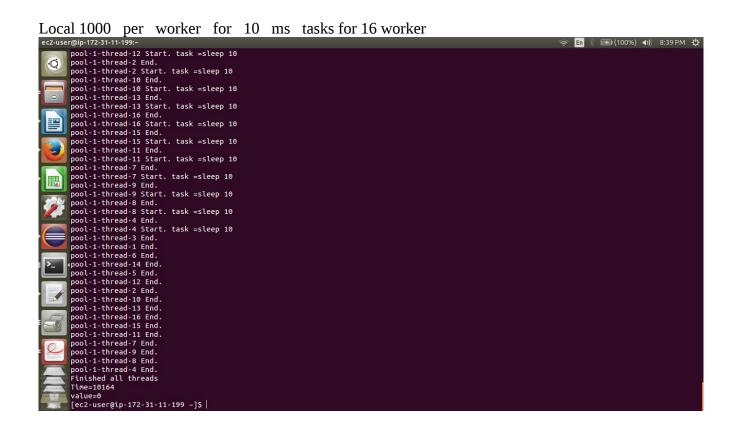
Local 1000 per worker for 10 ms tasks for 2 worker

Local 1000 per worker for 10 ms tasks for 4 worker



Local 1000 per worker for 10 ms tasks for 8 worker



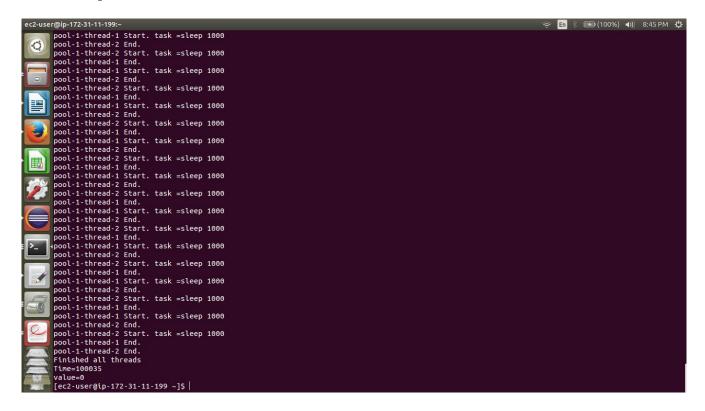


Local 100 per worker for 1 sec tasks for 1 worker

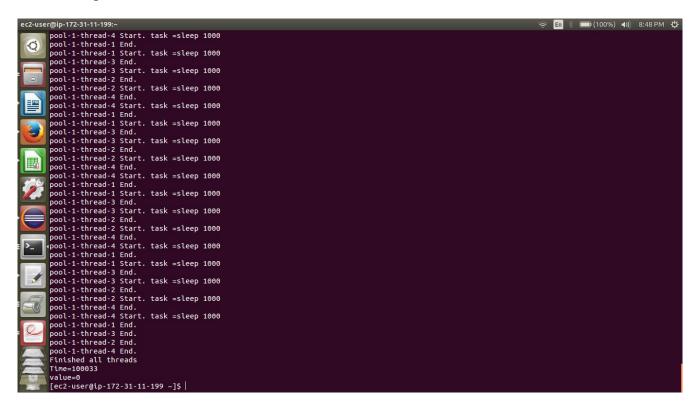
```
ec2-user@lp-172-31-11-199--

pool-1-thread-1 End.
```

## Local 100 per worker for 1 sec tasks for 2 worker

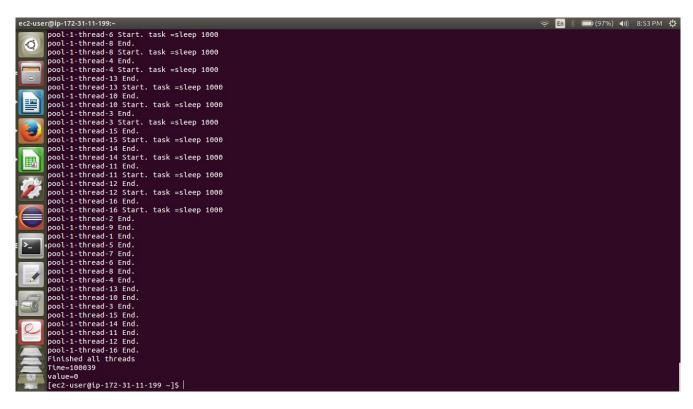


## Local 100 per worker for 1 sec tasks for 4 worker

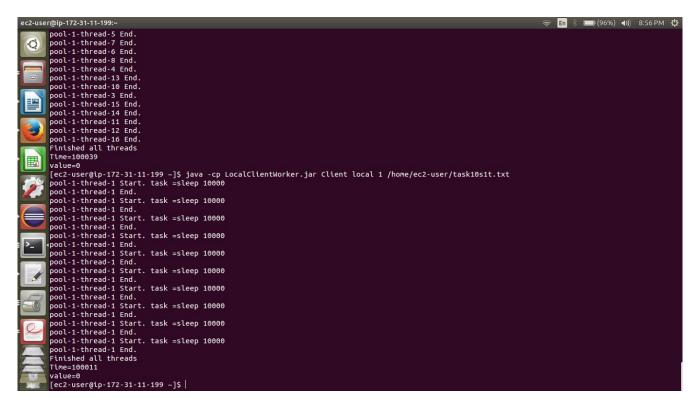


## Local 100 per worker for 1 sec tasks for 8 worker

## Local 100 per worker for 1 sec tasks for 16 worker



# Local 10 per worker for the 10 sec tasks for 1 worker

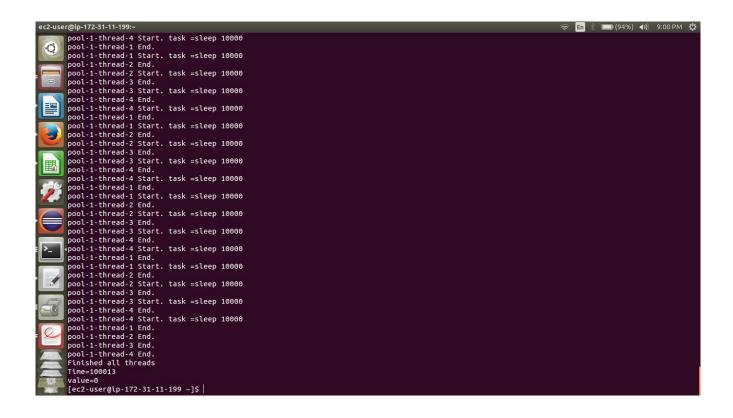


Local 10 per worker for the 10 sec tasks for 2 worker

```
eczuser@ip=77231-11-199--

pool-1-thread-1 Start. task =sleep 10000
pool-1-thread-2 End.
pool-1-thread-3 End.
pool-1-thread-1 End.
pool-1-thread-1 End.
pool-1-thread-1 End.
pool-1-thread-1 End.
pool-1-thread-1 End.
pool-1-thread-2 End.
pool-1-thread-3 End.
pool-1-thread-5 End.
pool
```

Local 10 per worker for the 10 sec tasks for 4 worker



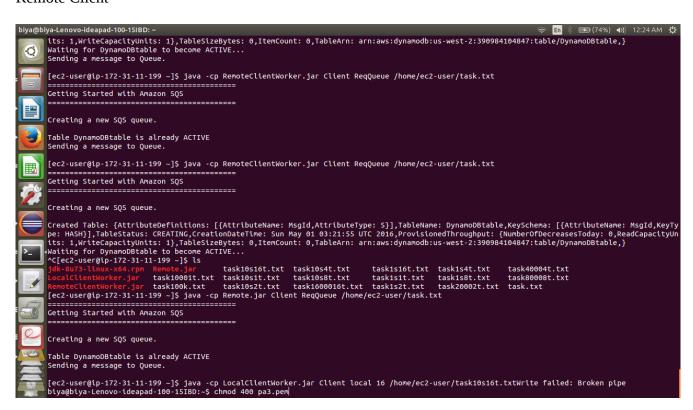
## Local 10 per worker for the 10 sec tasks for 8 worker

```
eczusergip-172-31-11-199-

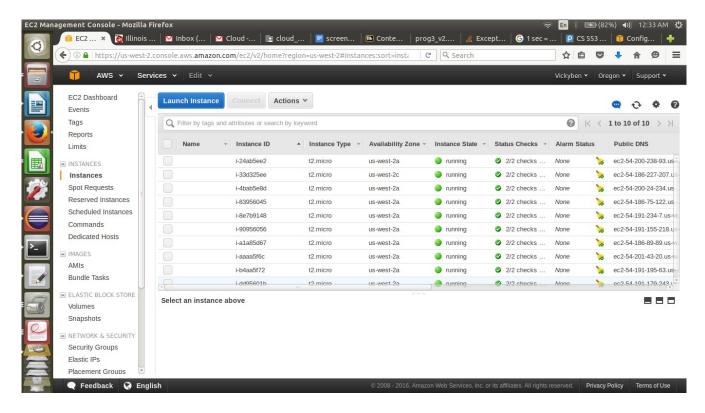
pool-1-thread-2 Start, task =sleep 10000
pool-1-thread-3 Start, task =sleep 10000
pool-1-thread-3 Start, task =sleep 10000
pool-1-thread-4 Start, task =sleep 10000
pool-1-thread-5 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-1 End,
pool-1-thread-1 End,
pool-1-thread-2 Start, task =sleep 10000
pool-1-thread-3 Start, task =sleep 10000
pool-1-thread-3 Start, task =sleep 10000
pool-1-thread-3 Start, task =sleep 10000
pool-1-thread-5 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-7 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-7 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-7 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-7 Start, task =sleep 10000
pool-1-thread-7 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-7 Start, task =sleep 10000
pool-1-thread-6 Start, task =sleep 10000
pool-1-thread-7 Start, task =sleep 10000
pool-1-th
```

### Local 10 per worker for the 10 sec tasks for 16 worker

#### Remote Client



#### 16 instances



#### Remote Worker

