Cbench Test

- Single ONOS Docker Instance
- Multi ONOS Docker Instances

Single Controller

Latency

12 Switches

Command

```
cbench -c 172.17.0.2 -s 12
```

Results

```
Total Count: responses/requests =  616263/616107
Total Average: responses/requests = 38516.44/38506.69
RESULT: 12 switches 15 tests min/max/avg/stdev = 22308.98/57404.62/40743.42/10297.
```

24 switches

Command

```
cbench -c 172.17.0.2 -s 24
```

Results

```
Total Count: responses/requests =  779545/782437
Total Average: responses/requests = 48721.56/48902.31
RESULT: 24 switches 15 tests min/max/avg/stdev = 25026.97/67288.93/51749.88/14104.
```

36 switches

Command

```
cbench -c 172.17.0.2 -s 36
```

Results

```
Total Count: responses/requests =  659171/658453
Total Average: responses/requests = 41198.19/41153.31
RESULT: 36 switches 15 tests min/max/avg/stdev = 12034.86/60430.52/43906.51/12511.
```

48 switches

Command

```
cbench -c 172.17.0.2 -s 48
```

Results

```
Total Count: responses/requests =  473446/512716
Total Average: responses/requests = 29590.38/32044.75
RESULT: 48 switches 15 tests min/max/avg/stdev = 6121.08/53320.75/31558.11/11924.0
```

60 switches

Command

```
cbench -c 172.17.0.2 -s 60
```

Results

```
Total Count: responses/requests =  616564/646815
Total Average: responses/requests = 38535.25/40425.94
RESULT: 60 switches 15 tests min/max/avg/stdev = 7971.89/69233.97/41098.89/17646.2
```

Throughput

12 Switches

Command

```
cbench -c 172.17.0.2 -s 12 -t
```

Results

```
Total Count: responses/requests =  1251646/5317721
Total Average: responses/requests = 78227.88/332357.56
RESULT: 12 switches 15 tests min/max/avg/stdev = 1347.42/176465.18/72528.68/70663.
```

24 Switches

Command

```
cbench -c 172.17.0.2 -s 24 -t
```

Results

```
Total Count: responses/requests =  1178732/9268569
Total Average: responses/requests = 73670.75/579285.56
RESULT: 24 switches 15 tests min/max/avg/stdev = 0.00/216673.12/69677.32/75191.75
```

36 Switches

Command

```
cbench -c 172.17.0.2 -s 36 -t
```

Results

```
Total Count: responses/requests =  961791/7379056
Total Average: responses/requests = 60111.94/461191.00
RESULT: 36 switches 15 tests min/max/avg/stdev = 0.00/163774.13/58659.16/62525.30
```