

# Custom App Experiments Summary

## One User Typing:

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	300	300	442	807	475.6	127.46	300
Bytes/Sec (kB)	144	144	212	388	228	61.2	144

Percentile	Latency (ms)
0.001	1
0.01	1
0.1	2
1	6
2.5	36
10	112
25	160
50	198
75	246
90	300
97.5	426
99	476
99.9	642
99.99	831
99.999	831

**Average Latency:** 209.09ms

- **Stdev:** 86.9ms
- **Max:** 831ms

## Two Users Typing:

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	491	491	712	848	712.3	99.01	491
Bytes/Sec (kB)	236	236	342	407	342	47.5	236

Percentile	Latency (ms)
0.001	1
0.01	1
0.1	5
1	68
2.5	81
10	100
25	114
50	131
75	159

Percentile	Latency (ms)
90	181
97.5	261
99	291
99.9	411
99.99	419
99.999	419

**Average Latency:** 139.6ms

- **Stdev:** 42.86ms
- **Max:** 419ms

## One User Typing with Throttling

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	547	547	647	716	641.8	61.67	547
Bytes/Sec (kB)	263	263	311	344	308	29.6	263

Percentile	Latency (ms)
0.001	1
0.01	1
0.1	1
1	5
2.5	101
10	114
25	129
50	146
75	174
90	197
97.5	280
99	323
99.9	490
99.99	556
99.999	556

**Average Latency:** 154.63ms

- **Stdev:** 47.59ms
- **Max:** 556ms

## Two Users Typing with Throttling

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	553	553	719	884	723.4	97.28	553
Bytes/Sec (kB)	265	265	345	424	347	46.7	265

Percentile	Latency (ms)
0.001	1
0.01	1

Percentile	Latency (ms)
0.1	2
1	10
2.5	43
10	93
25	109
50	132
75	160
90	190
97.5	233
99	287
99.9	500
99.99	558
99.999	558

**Average Latency:** 137.24ms

- **Stdev:** 50.73ms
- **Max:** 558ms

## One User Typing (Network Offline with Throttling)

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	521	521	650	953	687.7	121.87	521
Bytes/Sec (kB)	250	250	312	457	330	58.5	250

Percentile	Latency (ms)
0.001	1
0.01	1
0.1	2
1	3
2.5	25
10	99
25	116
50	136
75	164
90	204
97.5	290
99	358
99.9	423
99.99	759
99.999	759

**Average Latency:** 144.57ms

- **Stdev:** 55.26ms
- **Max:** 759ms

## Two Users Typing (Network Offline with Throttling)

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	450	450	745	908	747.7	120.13	459
Bytes/Sec (kB)	216	216	358	436	359	57.5	216

Percentile	Latency (ms)
0.001	2
0.01	2
0.1	4
1	19
2.5	70
10	89
25	103
50	121
75	146
90	194
97.5	283
99	335
99.9	395
99.99	505
99.999	505

**Average Latency:** 132.29ms

- **Stdev:** 51.27ms
- **Max:** 505ms

## Image Upload

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	345	345	509	761	529.4	112.23	345
Bytes/Sec (kB)	166	166	244	365	254	58.6	166

Percentile	Latency (ms)
0.001	1
0.01	1
0.1	2
1	16
2.5	62
10	120
25	133
50	159
75	224
90	301
97.5	414
99	488
99.9	506
99.99	699

Percentile	Latency (ms)
99.999	699

**Average Latency:** 187.45ms

- **Stdev:** 84.11ms
- **Max:** 699ms