

Notion Experiments Summary

One User Typing:

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	395	395	508	553	501.9	45.51	395
Bytes/Sec (kB)	9060	9060	11700	12700	11500	1040	9060

Percentile	Latency (ms)
0.001	108
0.01	108
0.1	111
1	114
2.5	117
10	122
25	128
50	139
75	160
90	241
97.5	619
99	1085
99.9	5020
99.99	7143
99.999	7143

Average Latency: 190.74ms

- **Stdev:** 299.37ms
- **Max:** 7143ms

Two Users Typing:

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	536	536	562	613	566.71	2.55	536
Bytes/Sec (kB)	12300	12300	12900	14100	13000	516	12300

Percentile	Latency (ms)
0.001	109
0.01	109
0.1	111
1	114
2.5	117
10	122
25	127
50	136
75	153
90	206

Percentile	Latency (ms)
97.5	446
99	820
99.9	3369
99.99	7473
99.999	7473

Average Latency: 171.52ms

- **Stdev:** 206.42ms
- **Max:** 7473ms

One User Typing with Throttling

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	222	222	550	619	518.21	108.86	222
Bytes/Sec (kB)	5080	5080	12600	14200	11900	2490	5080

Percentile	Latency (ms)
0.001	104
0.01	104
0.1	107
1	111
2.5	114
10	120
25	125
50	133
75	151
90	371
97.5	477
99	692
99.9	2063
99.99	8346
99.999	8346

Average Latency: 182.48ms

- **Stdev:** 216.29ms
- **Max:** 8346ms

Two Users Typing with Throttling

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	270	270	548	611	534.6	95.48	270
Bytes/Sec (kB)	6180	6180	12500	14000	12200	2180	6180

Percentile	Latency (ms)
0.001	106
0.01	106
0.1	107

Percentile	Latency (ms)
1	110
2.5	112
10	117
25	122
50	130
75	147
90	358
97.5	450
99	607
99.9	4673
99.99	7564
99.999	7564

Average Latency: 181.4ms

- **Stdev:** 266.12ms
- **Max:** 7564ms

One User Typing (Network Offline with Throttling)

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	422	422	574	626	563	56.05	422
Bytes/Sec (kB)	9660	9660	13100	14300	12900	1280	9660

Percentile	Latency (ms)
0.001	21
0.01	21
0.1	108
1	111
2.5	113
10	117
25	123
50	130
75	151
90	283
97.5	536
99	804
99.9	2015
99.99	6046
99.999	6046

Average Latency: 177.18ms

- **Stdev:** 198.38ms
- **Max:** 6046ms

Two Users Typing (Network Offline with Throttling)

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	321	321	613	632	578.9	89.24	321
Bytes/Sec (kB)	7350	7350	14000	14500	13200	2040	7350

Percentile	Latency (ms)
0.001	105
0.01	105
0.1	107
1	111
2.5	113
10	119
25	124
50	133
75	153
90	262
97.5	463
99	615
99.9	1823
99.99	2456
99.999	2456

Average Latency: 170.18ms

- **Stdev:** 123.09ms
- **Max:** 2456ms

Image Upload

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	208	208	556	631	481.9	154.72	208
Bytes/Sec (kB)	4760	4760	12700	14400	11000	3540	4760

Percentile	Latency (ms)
0.001	106
0.01	196
0.1	108
1	111
2.5	113
10	117
25	123
50	133
75	173
90	394
97.5	746
99	990
99.9	3341
99.99	8477

Percentile	Latency (ms)
99.999	8477

Average Latency: ms

- **Stdev:** ms
- **Max:** ms