Original 300 threads

Lighter (500 Sessions, 0.07s period)	Utilization (Core 0)	Utilization (Core 1)	Disk Utilization	Connection Time (ms)	Response Time (ms)	CPU Time user	CPU Time system
1	66%	1.56%	8%	62.8	54.1	81.20%	18.80%
2	66.59%	1.64%	5%	60.6	55.6	81.20%	18.70%
3	66.51%	1.75%	2%	71.5	58.4	81.30%	18.70%
4	65.16%	1.64%	8%	50	54.2	81.60%	18.40%
5	65.16%	1.64%	8%	50	54.8	81.40%	18.60%
Average	66%	1.65%	6%	58.98	55.42	81.34%	18.64%

Original (700 Sessions, 0.05s period)	Utilization (Core 0)	Utilization (Core 1)	Disk Utilization	Connection Time (ms)	Response Time (ms)	CPU Time user	CPU Time system
1	74%	3.36%	5%	103	67.1	81.20%	18.80%
2	72.38%	2.88%	8%	124.3	69.3	71.60%	28.40%
3	73.86%	1.80%	8%	192.4	67.1	72%	28%
4	73.97%	2.58%	5%	124.3	69.9	72.20%	27.80%
5	73.86%	3.05%	0%	171.9	65.9	72.20%	27.80%
Average	74%	2.73%	5%	143.18	67.86	73.84%	26.16%

Heavier (1000 Sessions, 0.035s period)	Utilization (Core 0)	Utilization (Core 1)	Disk Utilization	Connection Time (ms)	Response Time (ms)	CPU Time user	CPU Time system
1	78.72	2.27%	8%	157.3	81.7	60.80%	39.20%
2	80.8	2.63%	8%	233.9	87.2	60.80%	39.20%
3	78.51	3.62%	5%	229.2	87.6	60.90%	39.10%
4	80.38	2.11%	2%	422.8	89	60.20%	39.80%
5	80.66	2.72%	0%	310.4	87.1	60.20%	39.80%
Average	79.814	2.67%	5%	270.72	86.52	60.58%	39.42%

Note: Net I/O is irrelevant as it is always much lower than the max (~90mbs)

New, 1000 initial threads.

Lighter (500 Sessions, 0.07s period)	Utilization (Core 0)	Utilization (Core 1)	Disk Utilization	Connection Time (ms)	Response Time (ms)	CPU Time user	CPU Time system
1	64.91%	2.81%	5%	0.5	69.8	86.60%	13.40%
2	64.08%	2.16%	2%	0.5	62.6	88.30%	11.70%
3	66.43%	3.27%	5%	0.5	74.5	86.10%	13.90%
4	63.91%	1.86%	2%	0.5	62.7	87.60%	12.40%
5	64.25%	4.05%	2%	0.5	64.3	88.00%	12.00%
Average	64.72%	2.83%	3%	0.5	66.78	87.32%	12.68%

Original (700 Sessions, 0.05s period)	Utilization (Core 0)	Utilization (Core 1)	Disk Utilization	Connection Time (ms)	Response Time (ms)	CPU Time user	CPU Time system
1	74.66%	13.55%	130%	0.5	111.7	77.80%	22.20%
2	74.27%	2.27%	5%	0.5	123.4	75.70%	24.30%
3	74.64%	4.00%	2%	0.5	125.9	77%	23.40%
4	73.94%	2.44%	5%	0.5	126	75.40%	24.60%
5	74.00%	2.11%	5%	0.5	136.9	75.00%	25.00%

		Utilization (Core 0)	Utilization (Core 1)	Disk Utilization	Connection Time (ms)	Response Time (ms)	CPU Time user	CPU Time system
Average		74.30%	4.87%	29%	0.5	124.78	76.10%	23.90%
Heavier (1000 Sessions, 0.035s period)		Utilization (Core 0)	Utilization (Core 1)	Disk Utilization	Connection Time (ms)	Response Time (ms)	CPU Time user	CPU Time system
	1	80.61%	3.22%	5%	0.5	151.8	62.60%	37.40%
	2	81.11%	2.72%	2%	0.5	144.6	63%	37.00%
	3	81.66%	4.19%	5%	0.5	163	62.50%	37.50%
	4	81.71%	2.37%	2%	0.5	149.6	63.50%	36.50%
	5	81.85%	2.37%	2%	0.5	153.7	63.90%	36.10%
Average		81.39%	2.97%	3%	0.5	152.54	63.10%	36.90%