Results (Mongo without indexes)

ORACLE		SCI	ENARIO NAMI	E (TEST CASE	1)	
it\processes	1	2	4	8	16	32
it1	5,748	10,766	21,947	89,706	195,212	459,755
it2	8,658	17,774	38,541	59,873	113,844	365,123
it3	7,443	13,895	28,396	127,387	326,437	178,727
it4	22,989	44,505	88,529	146,476	143,044	284,455
it5	25,544	43,939	88,522	170,935	339,183	134,354
it6	24,109	45,358	92,396	194,282	351,978	498,250
110	21,100	10,000	02,000	101,202	331,373	100,200
avg(s)	15,749	29,373	59,722	131,443	244,950	320,111
ор	100	200	400	800	1600	3200
op/s	6,350	6,809	6,698	6,086	6,532	9,997
avg	7,079	'	'	"	'	
MONGO			ENARIO NAMI	E (TEST CASE		
it\processes	1	2	4	8	16	32
it1	6,891	7,617	8,310	13,406	25,901	52,092
it2	7,051	7,473	8,251	13,385	25,804	51,974
it3	6,801	7,665	8,066	13,532	25,883	52,057
it4	6,809	7,598	8,096	13,315	25,951	52,187
it5	7,028	7,723	8,347	13,428	25,801	52,178
it6	6,814	7,598	8,370	13,451	25,837	52,003
211112	6 000	7.640	0.240	12 120	25 062	F2 002
avg(s)	6,899 100	7,612 200	8,240	13,420 800	25,863 1600	52,082
op	14,495	26,273	400 48,544	59,615	61,865	3200
op/s	45,372	20,273	40,344	59,615	01,000	61,442
avg	45,572					
ORACLE		GROU	P OWNER NA	ME (TEST CA	SE 2)	
ORACLE it\processes	1	GROU 2	P OWNER NA 4	ME (TEST CA 8	SE 2)	32
	1 16,022					32 77,996
it\processes	-	2	21,771 79,925	. 8	16	
it\processes it1	16,022	2 29,581	4 21,771	8 32,395	16 152,498	77,996
it\processes it1 it2	16,022 20,368 22,734 24,345	29,581 38,752	21,771 79,925	32,395 160,823 147,189 170,546	152,498 152,004	77,996 213,172
it\processes it1 it2 it3	16,022 20,368 22,734	29,581 38,752 40,766 45,417 24,965	21,771 79,925 78,696	32,395 160,823 147,189 170,546 85,046	152,498 152,004 154,018	77,996 213,172 72,942
it\processes it1 it2 it3 it4	16,022 20,368 22,734 24,345	29,581 38,752 40,766 45,417	21,771 79,925 78,696 85,044	32,395 160,823 147,189 170,546	152,498 152,004 154,018 314,421	77,996 213,172 72,942 77,180
it\processes it1 it2 it3 it4 it5 it6	16,022 20,368 22,734 24,345 13,551 10,883	29,581 38,752 40,766 45,417 24,965 15,053	21,771 79,925 78,696 85,044 47,402 33,071	32,395 160,823 147,189 170,546 85,046 173,865	152,498 152,004 154,018 314,421 216,099 334,873	77,996 213,172 72,942 77,180 90,363 257,550
it\processes it1 it2 it3 it4 it5 it6	16,022 20,368 22,734 24,345 13,551 10,883	29,581 38,752 40,766 45,417 24,965 15,053	21,771 79,925 78,696 85,044 47,402 33,071	32,395 160,823 147,189 170,546 85,046 173,865	152,498 152,004 154,018 314,421 216,099 334,873	77,996 213,172 72,942 77,180 90,363 257,550
it\processes it1 it2 it3 it4 it5 it6 avg(s) op	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561	29,581 38,752 40,766 45,417 24,965 15,053	21,771 79,925 78,696 85,044 47,402 33,071	32,395 160,823 147,189 170,546 85,046 173,865	152,498 152,004 154,018 314,421 216,099 334,873	77,996 213,172 72,942 77,180 90,363 257,550
it\processes it1 it2 it3 it4 it5 it6 avg(s) op	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938	8 32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 P OWNER NA 10,540	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 P OWNER NA 10,540 10,560	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 P OWNER NA 10,540 10,560 10,593	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 SE 2) 16 37,043 36,773 36,788	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3 it4	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414 109 9,842 9,842 9,874 9,801	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983 10,135	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 P OWNER NA 10,540 10,560 10,593 10,474	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595 18,645	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 .SE 2) 16 37,043 36,773 36,773 36,788 36,846	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273 74,298
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 P OWNER NA 10,540 10,560 10,593	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 .SE 2) 16 37,043 36,773 36,773	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3 it4 it5	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414 109 9,842 9,874 9,874 9,801 9,830	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983 10,135 10,188	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 POWNER NA 10,540 10,560 10,593 10,474 10,610	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595 18,645 18,655	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 SE 2) 16 37,043 36,773 36,788 36,846 36,584	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273 74,298 74,118
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3 it4 it5	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414 109 9,814 9,874 9,874 9,801 9,830 10,014	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983 10,135 10,188 10,053	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 POWNER NA 10,540 10,560 10,593 10,474 10,610 10,567	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595 18,645 18,655 18,684	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 SE 2) 16 37,043 36,773 36,788 36,846 36,584 36,928	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273 74,298 74,118 74,144 74,206
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3 it4 it5 it6	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414 19,982 9,842 9,842 9,874 9,801 9,830 10,014 9,891 100	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983 10,135 10,188 10,053	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 POWNER NA 10,540 10,560 10,593 10,474 10,610 10,567	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595 18,645 18,655 18,684	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 SE 2) 16 37,043 36,773 36,773 36,788 36,846 36,584 36,928	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273 74,298 74,118 74,144 74,206 3200
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3 it4 it5 it6 avg(s)	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414 100 9,842 9,874 9,801 9,830 10,014 9,891 100 10,111	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983 10,135 10,188 10,053	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 POWNER NA 10,540 10,560 10,593 10,474 10,610 10,567	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595 18,645 18,655 18,684	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 SE 2) 16 37,043 36,773 36,788 36,846 36,584 36,928	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273 74,298 74,118 74,144 74,206
it\processes it1 it2 it3 it4 it5 it6 avg(s) op op/s avg MONGO it\processes it1 it2 it3 it4 it5 it6 avg(s) op	16,022 20,368 22,734 24,345 13,551 10,883 17,984 100 5,561 9,414 19,982 9,842 9,842 9,874 9,801 9,830 10,014 9,891 100	29,581 38,752 40,766 45,417 24,965 15,053 32,422 200 6,169 GROU 2 10,270 10,097 9,983 10,135 10,188 10,053	21,771 79,925 78,696 85,044 47,402 33,071 57,652 400 6,938 POWNER NA 10,540 10,560 10,593 10,474 10,610 10,567	32,395 160,823 147,189 170,546 85,046 173,865 128,311 800 6,235 MME (TEST CA 8 18,690 18,440 18,595 18,645 18,655 18,684	16 152,498 152,004 154,018 314,421 216,099 334,873 220,652 1600 7,251 SE 2) 16 37,043 36,773 36,773 36,788 36,846 36,584 36,928	77,996 213,172 72,942 77,180 90,363 257,550 131,534 3200 24,328 74,139 74,263 74,273 74,298 74,118 74,144 74,206 3200

Results (Mongo without indexes)

ORACLE	SUBJECT DATE (TEST CASE 3)							
it\processes	1	2	4	8	16	32		
it1	71,384	142,781	285,069	289,137	326,104	514,533		
it2	77,512	153,199	310,251	612,620	309,605	516,437		
it3	67,252	131,078	259,374	248,950	284,276	507,756		
it4	63,676	127,030	255,001	583,418	263,719	502,731		
it5	77,185	152,296	305,495	276,657	421,538	544,565		
it6	77,415	154,353	304,400	312,269	335,373	499,460		
avg(s)	72,404	143,456	286,598	387,175	323,436	514,247		
ор	100	200	400	800	1600	3200		
op/s	1,381	1,394	1,396	2,066	4,947	6,223		
avg	2,901							
	SUBJECT DATE (TEST CASE 3)							
MONGO		SU	BJECT DATE	(TEST CASE				
MONGO it\processes	1	2	4	. 8	16	32		
	1 23,838	Su 2 46,576	4 79,683	8 164,555	16 377,099	750,300		
it\processes it1 it2	23,986	2 46,576 45,848	79,683 80,633	164,555 163,885	377,099 370,580	750,300 741,146		
it\processes it1 it2 it3	23,986 24,106	46,576 45,848 47,103	79,683 80,633 81,729	8 164,555 163,885 163,811	377,099 370,580 380,236	750,300 741,146 750,644		
it\processes it1 it2	23,986 24,106 23,833	46,576 45,848 47,103 46,017	79,683 80,633 81,729 80,881	8 164,555 163,885 163,811 161,382	16 377,099 370,580 380,236 362,714	750,300 741,146 750,644 734,929		
it\processes it1 it2 it3 it4 it5	23,986 24,106 23,833 23,975	46,576 45,848 47,103 46,017 44,608	79,683 80,633 81,729 80,881 79,454	8 164,555 163,885 163,811 161,382 165,037	16 377,099 370,580 380,236 362,714 375,751	750,300 741,146 750,644 734,929 740,531		
it\processes it1 it2 it3 it4	23,986 24,106 23,833	46,576 45,848 47,103 46,017	79,683 80,633 81,729 80,881	8 164,555 163,885 163,811 161,382	16 377,099 370,580 380,236 362,714	750,300 741,146 750,644 734,929		
it\processes it1 it2 it3 it4 it5	23,986 24,106 23,833 23,975 23,935	46,576 45,848 47,103 46,017 44,608 43,884	79,683 80,633 81,729 80,881 79,454 81,789	8 164,555 163,885 163,811 161,382 165,037 164,219	377,099 370,580 380,236 362,714 375,751 373,357	750,300 741,146 750,644 734,929 740,531 802,685		
it\processes it1 it2 it3 it4 it5	23,986 24,106 23,833 23,975 23,935	46,576 45,848 47,103 46,017 44,608 43,884 45,673	79,683 80,633 81,729 80,881 79,454 81,789	8 164,555 163,885 163,811 161,382 165,037 164,219	377,099 370,580 380,236 362,714 375,751 373,357	750,300 741,146 750,644 734,929 740,531 802,685		
it\processes it1 it2 it3 it4 it5 it6 avg(s) op	23,986 24,106 23,833 23,975 23,935 23,946 100	46,576 45,848 47,103 46,017 44,608 43,884 45,673 200	79,683 80,633 81,729 80,881 79,454 81,789 80,695 400	8 164,555 163,885 163,811 161,382 165,037 164,219 163,815 800	377,099 370,580 380,236 362,714 375,751 373,357 373,290 1600	750,300 741,146 750,644 734,929 740,531 802,685 753,373 3200		
it\processes it1 it2 it3 it4 it5 it6	23,986 24,106 23,833 23,975 23,935 23,946 100 4,176	46,576 45,848 47,103 46,017 44,608 43,884 45,673	79,683 80,633 81,729 80,881 79,454 81,789	8 164,555 163,885 163,811 161,382 165,037 164,219	377,099 370,580 380,236 362,714 375,751 373,357	750,300 741,146 750,644 734,929 740,531 802,685		
it\processes it1 it2 it3 it4 it5 it6 avg(s) op	23,986 24,106 23,833 23,975 23,935 23,946 100	46,576 45,848 47,103 46,017 44,608 43,884 45,673 200	79,683 80,633 81,729 80,881 79,454 81,789 80,695 400	8 164,555 163,885 163,811 161,382 165,037 164,219 163,815 800	377,099 370,580 380,236 362,714 375,751 373,357 373,290 1600	750,300 741,146 750,644 734,929 740,531 802,685 753,373 3200		