List1

| it\processes it1 | | | SCENARI | O NAME | | |
|--|---|--|--|--|---|--|
| i+1 | 1 | 2 | 4 | 8 | 16 | 32 |
| 16.1 | 5,373 | 9,693 | 18,123 | 35,494 | 74,937 | 182,240 |
| it2 | 5,338 | 13,163 | 21,726 | 40,886 | 147,452 | 419,439 |
| it3 | 22,437 | 41,599 | 83,049 | 160,498 | 312,303 | 192,781 |
| it4 | 7,397 | 10,348 | 24,554 | 40,605 | 93,638 | 266,709 |
| it5 | 21,014 | 40,737 | 57,797 | 52,935 | 133,319 | 266,027 |
| it6 | 22,420 | 44,558 | 86,626 | 176,464 | 227,493 | 501,720 |
| | , - | , | , - | , | , | , |
| S | 83,978 | 160,098 | 291,875 | 506,882 | 989,143 | 1828,915 |
| ор | 100 | 200 | 400 | 800 | 1600 | 3200 |
| op/s | 1,191 | 1,249 | 1,370 | 1,578 | 1,618 | 1,750 |
| avg | 1,459 | | | | | |
| MONGO | | | SCENARI | O NAME | | |
| it\processes | 1 | 2 | 4 | 8 | 16 | 32 |
| it1 | 6,521 | 7,175 | 7,921 | 12,691 | 24,281 | 48,811 |
| it2 | 6,449 | 7,289 | 7,908 | 12,533 | 24,265 | 48,684 |
| it3 | 6,468 | 7,169 | 7,857 | 12,575 | 24,126 | 49,129 |
| it4 | 6,382 | 7,294 | 7,637 | 12,759 | 24,463 | 48,875 |
| it5 | 6,391 | 7,131 | 7,772 | 12,539 | 24,447 | 49,061 |
| it6 | 6,466 | 7,101 | 7,504 | 12,525 | 24,047 | 48,550 |
| 110 | 0,400 | 7,200 | 7,504 | 12,020 | 24,041 | 40,550 |
| S | 38,676 | 43,260 | 46,599 | 75,622 | 145,628 | 293,110 |
| ор | 100 | 200 | 400 | 800 | 1600 | 3200 |
| op/s | 2,586 | 4,623 | 8,584 | 10,579 | 10,987 | 10,917 |
| avg | 8,046 | | | | | |
| ORACLE | | | GROUP OW | NER NAME | | |
| 0.0.0 | | | Oltool Oll | | | |
| it\processes | 1 | 2 | 4 | 8 | 16 | 32 |
| it\processes it1 | 1 | 7.058 | | 29.420 | 114.810 | 32 315.931 |
| it1 | 4,610 | 7,058 | 14,296 | 29,420 | 114,810 | 315,931 |
| it1 it2 | 4,610 21,443 | 7,058 25,056 | 14,296 17,665 | 29,420 31,995 | 114,810 66,104 | 315,931 127,976 |
| it1 it2 it3 | 4,610 21,443 19,204 | 7,058 25,056 36,544 | 14,296 17,665 70,708 | 29,420 31,995 142,958 | 114,810 66,104 121,481 | 315,931 127,976 99,417 |
| it1 it2 it3 it4 | 4,610 21,443 19,204 22,737 | 7,058 25,056 36,544 41,579 | 14,296 17,665 70,708 84,976 | 29,420 31,995 142,958 182,010 | 114,810 66,104 121,481 152,724 | 315,931 127,976 99,417 134,857 |
| it1 it2 it3 it4 it5 | 4,610 21,443 19,204 22,737 8,047 | 7,058 25,056 36,544 41,579 30,840 | 14,296 17,665 70,708 84,976 73,776 | 29,420 31,995 142,958 182,010 158,236 | 114,810 66,104 121,481 152,724 333,202 | 315,931 127,976 99,417 134,857 74,315 |
| it1 it2 it3 it4 | 4,610 21,443 19,204 22,737 | 7,058 25,056 36,544 41,579 | 14,296 17,665 70,708 84,976 | 29,420 31,995 142,958 182,010 | 114,810 66,104 121,481 152,724 | 315,931 127,976 99,417 134,857 |
| it1 it2 it3 it4 it5 | 4,610 21,443 19,204 22,737 8,047 22,659 | 7,058 25,056 36,544 41,579 30,840 42,033 | 14,296 17,665 70,708 84,976 73,776 83,801 | 29,420 31,995 142,958 182,010 158,236 168,658 | 114,810 66,104 121,481 152,724 333,202 115,223 | 315,931 127,976 99,417 134,857 74,315 90,761 |
| it1 it2 it3 it4 it5 it6 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 |
| it1 it2 it3 it4 it5 it6 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 | 7,058 25,056 36,544 41,579 30,840 42,033 | 14,296 17,665 70,708 84,976 73,776 83,801 | 29,420 31,995 142,958 182,010 158,236 168,658 | 114,810 66,104 121,481 152,724 333,202 115,223 | 315,931 127,976 99,417 134,857 74,315 90,761 |
| it1 it2 it3 it4 it5 it6 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 |
| it1 it2 it3 it4 it5 it6 s op op/s avg | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 |
| it1 it2 it3 it4 it5 it6 s op op/s avg | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 9,754 9,522 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 17,310 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,332 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 9,754 9,522 9,629 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 17,362 17,310 17,296 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 16 34,476 34,357 34,231 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 69,452 69,756 69,543 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 it4 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,332 9,363 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 9,754 9,522 9,629 9,692 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 10,050 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 17,310 17,296 17,498 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 1600 34,476 34,357 34,231 34,531 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 69,452 69,452 69,756 69,543 69,609 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 it4 it5 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,332 9,363 9,374 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 2 9,754 9,522 9,629 9,629 9,692 9,787 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 10,050 10,272 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 17,310 17,296 17,498 17,531 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 16 34,476 34,357 34,231 34,531 34,709 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 320 69,452 69,452 69,756 69,543 69,609 69,484 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 it4 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,332 9,363 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 9,754 9,522 9,629 9,692 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 10,050 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 17,310 17,296 17,498 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 1600 34,476 34,357 34,231 34,531 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 69,452 69,452 69,756 69,543 69,609 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 it4 it5 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,332 9,363 9,374 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 2 9,754 9,522 9,629 9,629 9,692 9,787 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 10,050 10,272 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 17,310 17,296 17,498 17,531 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 16 34,476 34,357 34,231 34,531 34,709 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 320 69,452 69,452 69,756 69,543 69,609 69,484 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 it4 it5 it6 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,363 9,374 9,286 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 9,754 9,522 9,629 9,692 9,787 9,699 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 10,050 10,272 10,056 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 17,310 17,296 17,498 17,531 17,249 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 1600 34,476 34,357 34,231 34,531 34,709 34,523 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 32 69,452 69,452 69,543 69,609 69,484 69,649 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 it4 it5 it6 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,332 9,363 9,374 9,286 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 9,754 9,522 9,629 9,692 9,692 9,787 9,699 58,083 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 10,050 10,272 10,056 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 8 17,362 17,310 17,296 17,498 17,531 17,249 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 160 34,476 34,357 34,231 34,531 34,709 34,523 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 69,452 69,452 69,543 69,609 69,484 69,649 |
| it1 it2 it3 it4 it5 it6 s op op/s avg MONGO it\processes it1 it2 it3 it4 it5 it6 | 4,610 21,443 19,204 22,737 8,047 22,659 98,700 100 1,013 1,659 1 9,385 9,278 9,332 9,363 9,374 9,286 56,018 100 | 7,058 25,056 36,544 41,579 30,840 42,033 183,110 200 1,092 9,754 9,522 9,629 9,629 9,692 9,787 9,699 58,083 200 | 14,296 17,665 70,708 84,976 73,776 83,801 345,222 400 1,159 GROUP OW 4 10,206 10,064 10,205 10,050 10,272 10,056 | 29,420 31,995 142,958 182,010 158,236 168,658 713,276 800 1,122 NER NAME 17,362 17,310 17,296 17,498 17,531 17,249 | 114,810 66,104 121,481 152,724 333,202 115,223 903,544 1600 1,771 1600 1,771 1600 | 315,931 127,976 99,417 134,857 74,315 90,761 843,257 3200 3,795 69,452 69,452 69,756 69,543 69,609 69,484 69,649 417,494 3200 |

List1

| ORACLE | SUBJECT DATE | | | | | | | |
|---|---|--|--|--|--|--|--|--|
| it\processes | 1 | 2 | 4 | 8 | 16 | 32 | | |
| it1 | 63,410 | 125,627 | 250,277 | 237,919 | 320,265 | 488,736 | | |
| it2 | 72,486 | 144,564 | 287,939 | 290,306 | 298,130 | 502,333 | | |
| it3 | 58,621 | 116,604 | 230,192 | 233,046 | 479,453 | 505,688 | | |
| it4 | 72,267 | 145,819 | 288,286 | 543,654 | 259,088 | 500,497 | | |
| it5 | 61,470 | 115,851 | 234,227 | 478,666 | 334,551 | 515,623 | | |
| it6 | 60,386 | 121,167 | 242,193 | 494,797 | 336,716 | 492,060 | | |
| | | | | | | | | |
| S | 388,641 | 769,634 | 1533,114 | 2278,389 | 2028,202 | 3004,935 | | |
| ор | 100 | 200 | 400 | 800 | 1600 | 3200 | | |
| op/s | 0,257 | 0,260 | 0,261 | 0,351 | 0,789 | 1,065 | | |
| avg | 0,497 | | | | | | | |
| | | | | | | | | |
| | SUBJECT DATE | | | | | | | |
| MONGO | | | SUBJEC | | | | | |
| MONGO it\processes | 1 | 2 | 4 | 8 | 16 | 32 | | |
| it\processes it1 | 21,931 | 43,219 | 4 80,880 | 8 167,511 | 402,235 | 819,891 | | |
| it\processes it1 it2 | 21,931 22,044 | 43,219 45,114 | 80,880 84,135 | 8 167,511 171,818 | 402,235 403,817 | 819,891 832,107 | | |
| it\processes it1 it2 it3 | 21,931 22,044 21,691 | 43,219 45,114 44,276 | 80,880 84,135 81,199 | 167,511 171,818 163,277 | 402,235 403,817 394,858 | 819,891 832,107 813,622 | | |
| it\processes it1 it2 it3 it4 | 21,931 22,044 21,691 22,210 | 43,219 45,114 44,276 45,747 | 80,880 84,135 81,199 82,775 | 167,511 171,818 163,277 168,954 | 402,235 403,817 394,858 405,356 | 819,891 832,107 813,622 828,310 | | |
| it\processes it1 it2 it3 it4 it5 | 21,931 22,044 21,691 22,210 21,452 | 43,219 45,114 44,276 45,747 45,014 | 80,880 84,135 81,199 82,775 81,441 | 167,511 171,818 163,277 168,954 166,786 | 402,235 403,817 394,858 405,356 396,221 | 819,891 832,107 813,622 828,310 816,548 | | |
| it\processes it1 it2 it3 it4 | 21,931 22,044 21,691 22,210 | 43,219 45,114 44,276 45,747 | 80,880 84,135 81,199 82,775 | 167,511 171,818 163,277 168,954 | 402,235 403,817 394,858 405,356 | 819,891 832,107 813,622 828,310 | | |
| it\processes it1 it2 it3 it4 it5 it6 | 21,931 22,044 21,691 22,210 21,452 21,981 | 43,219 45,114 44,276 45,747 45,014 44,555 | 80,880 84,135 81,199 82,775 81,441 80,695 | 167,511 171,818 163,277 168,954 166,786 167,387 | 402,235 403,817 394,858 405,356 396,221 395,735 | 819,891 832,107 813,622 828,310 816,548 857,589 | | |
| it\processes it1 it2 it3 it4 it5 it6 | 21,931 22,044 21,691 22,210 21,452 21,981 | 43,219 45,114 44,276 45,747 45,014 44,555 | 80,880 84,135 81,199 82,775 81,441 80,695 | 167,511 171,818 163,277 168,954 166,786 167,387 | 402,235 403,817 394,858 405,356 396,221 395,735 | 819,891 832,107 813,622 828,310 816,548 857,589 | | |
| it\processes it1 it2 it3 it4 it5 it6 | 21,931 22,044 21,691 22,210 21,452 21,981 131,309 100 | 43,219 45,114 44,276 45,747 45,014 44,555 267,924 200 | 80,880 84,135 81,199 82,775 81,441 80,695 491,125 400 | 167,511 171,818 163,277 168,954 166,786 167,387 | 402,235 403,817 394,858 405,356 396,221 395,735 2398,222 1600 | 819,891 832,107 813,622 828,310 816,548 857,589 4968,068 3200 | | |
| it\processes it1 it2 it3 it4 it5 it6 | 21,931 22,044 21,691 22,210 21,452 21,981 131,309 100 0,762 | 43,219 45,114 44,276 45,747 45,014 44,555 | 80,880 84,135 81,199 82,775 81,441 80,695 | 167,511 171,818 163,277 168,954 166,786 167,387 | 402,235 403,817 394,858 405,356 396,221 395,735 | 819,891 832,107 813,622 828,310 816,548 857,589 | | |
| it\processes it1 it2 it3 it4 it5 it6 | 21,931 22,044 21,691 22,210 21,452 21,981 131,309 100 | 43,219 45,114 44,276 45,747 45,014 44,555 267,924 200 | 80,880 84,135 81,199 82,775 81,441 80,695 491,125 400 | 167,511 171,818 163,277 168,954 166,786 167,387 | 402,235 403,817 394,858 405,356 396,221 395,735 2398,222 1600 | 819,891 832,107 813,622 828,310 816,548 857,589 4968,068 3200 | | |