نتایج اجرا روی سرور: Intel(R) Xeon(R) Gold 6230 CPU @ 2.10GHz

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | Mshrum | 100 | <1 | 860 | <1 | 750 |  |  |
| 10 | Mshrum | 100 | <1 | 750 | <1 | 630 |  |  |
| 20 | Mshrum | 100 | <1 | 775 | <1 | 605 |  |  |
| 30 | Mshrum | 100 | <1 | 690 | <1 | 619 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | Mshrum | 200 | <1 | 5070 | <1 | 2700 |  |  |
| 10 | Mshrum | 200 | <1 | 3850 | <1 | 2750 |  |  |
| 20 | Mshrum | 200 | <1 | 3200 | <1 | 2470 |  |  |
| 30 | Mshrum | 200 | =1 | 2970 | <1 | 2460 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | Mshrum | 300 | <1 | 9140 | <1 | 4870 |  |  |
| 10 | Mshrum | 300 | <1 | 6230 | <1 | 4830 |  |  |
| 20 | Mshrum | 300 | 1.5 | 5760 | <1 | 4790 |  |  |
| 30 | Mshrum | 300 | 2 | 6060 | <1 | 4730 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | Mshrum | 1000 | =1 | 99900 | <1 | 58400 |  |  |
| 10 | Mshrum | 1000 | 9 | 77400 | =1 | 56600 |  |  |
| 20 | Mshrum | 1000 | 18 | 80600 | 2 | 56500 |  |  |
| 30 | Mshrum | 1000 | 25 | 73200 | 3 | 56500 |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | string | 18000 | 2.7 | 184k | <1 | 119k |  |  |
| 10 | string | 18000 | 26 | 155k | 8 | 118k |  |  |
| 20 | string | 18000 | 50 | 154k | 15 | 119k |  |  |
| 30 | string | 18000 | 71 | 155k | 21 | 119k |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | Cooking | 6700 | <1 | 752k | <1 | 461k |  |  |
| 10 | Cooking | 6700 | 6 | 512k | 5 | 459k |  |  |
| 20 | Cooking | 6700 | 19 | 511k | 10 | 459k |  |  |
| 30 | Cooking | 6700 | 20 | 510k | 14 | 458k |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | dawn | 2100 | <1 | 102k | <1 | 89k |  |  |
| 10 | dawn | 2100 | 2.2 | 98k | 1.8 | 88k |  |  |
| 20 | dawn | 2100 | 4.7 | 96k | 3.5 | 88k |  |  |
| 30 | dawn | 2100 | 7 | 98k | 5 | 88k |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| تعداد اجرا | دیتاست | تعداد راس‌ها | Pivot | | Vote | | LSH | |
|  |  |  | Time | violations | Time | violations | Time | violations |
| 1 | dblp | 73000 | 12 | 2238k | 11 | 1572k |  |  |
| 10 | dblp | 73000 | 110 | 2210k | 87 | 1573k |  |  |
| 20 | dblp | 73000 | 218 | 2206k | 180 | 1571k |  |  |
| 30 | dblp | 73000 | 320 | 2209k | 270 | 1572k |  |  |