|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Etiqueta | #Muestras | Media | Mín | Max | Desv. Estándar | %Error | Rendimiento | Kb/sec | Media de Bytes |
| darVehiculos | 4500 | 18 | 0 | 565 | 42,00165952 | 0 | 611,4961272 | 208,4128225 | 349,0042222 |
| crearReporte | 4500 | 40 | 1 | 643 | 60,06856783 | 0 | 594,2947702 | 228,0838327 | 393 |
| crearEmergencia | 4500 | 42 | 1 | 780 | 122,1708892 | 0 | 640,9343398 | 334,8631561 | 535 |
| darEstaciones | 4500 | 5 | 0 | 954 | 52,07230949 | 0 | 654,1648495 | 270,2370893 | 423,0168889 |
| crearVcub | 4000 | 8 | 0 | 701 | 22,0527186 | 0 | 608,4575601 | 187,1720033 | 315 |
| darVcubs | 4500 | 33 | 0 | 601 | 79,73724687 | 0 | 1161,440186 | 389,0370935 | 343 |
| actualizarTranvias | 4500 | 92 | 0 | 1075 | 138,0641953 | 0 | 1240,352811 | 276,1723057 | 228 |
| panicoTranvia | 4500 | 61 | 1 | 1056 | 178,0054285 | 0 | 885,7711617 | 239,9802977 | 228 |
| choqueTranvia | 4500 | 1003 | 1 | 1069 | 22910,69973 | 0 | 966,7711617 | 239,9802977 | 179,3722222 |
| agregarUsuario | 4500 | 61 | 1 | 848 | 142,0891919 | 0 | 1528,013582 | 649,1073323 | 435 |
| actualizarUsuario | 4500 | 36 | 0 | 650 | 70,06600549 | 0 | 1185,770751 | 264,0192688 | 228 |
| Alquilar | 4500 | 1900 | 51 | 3421 | 837,1933419 | 1 | 106,4282673 | 173,3616699 | 1668 |
| darMobibuses | 4500 | 41 | 0 | 657 | 109,6690583 | 0 | 825,650388 | 611,5215655 | 343 |
|  |  |  |  |  |  |  |  |  |  |
| agregarTranvias | 500 | 152 | 1 | 582 | 123,9699922 | 0 | 243,3090024 | 93,14172749 | 392 |
| agregarTranvias | 1000 | 38 | 1 | 260 | 37,79282576 | 0 | 363,1082062 | 139,0023602 | 392 |
| agregarTranvias | 4500 | 46 | 0 | 980 | 102,2759024 | 0 | 758,4695769 | 290,3516349 | 392 |
| darTranvia | 500 | 63 | 1 | 456 | 105,0501032 | 0 | 323,4152652 | 193,922825 | 614 |
| darTranvia | 1000 | 44 | 1 | 312 | 56,59764603 | 0 | 625 | 374,7558594 | 614 |
| darUbicaciones | 1000 | 2 | 0 | 34 | 2,156524751 | 0 | 192,9756851 | 65,01980262 | 345,019 |
| crearUbicacion | 1000 | 9 | 0 | 914 | 33,47435184 | 0 | 177,2735331 | 54,36255623 | 314,019 |
| actualizarTranvias | 500 | 16 | 1 | 373 | 43,68813454 | 0 | 379,3626707 | 84,46746965 | 228 |
| actualizarTranvias | 1000 | 36 | 1 | 704 | 89,5211863 | 0 | 490,6771344 | 109,2523307 | 228 |
| panicoTranvia | 1000 | 61 | 1 | 274 | 69,11676982 | 0 | 583,7711617 | 129,9802977 | 228 |
| choqueTranvia | 3000 | 45 | 0 | 598 | 95,992598 | 0 | 957,8544061 | 213,2722701 | 228 |
| darUsuarios | 1000 | 13 | 0 | 627 | 48,17927744 | 0 | 524,6589717 | 301,2690189 | 588 |
| agregarUsuario | 1000 | 64 | 1 | 458 | 80,30642933 | 0 | 546,4480874 | 232,133709 | 435 |
| actualizarUsuario | 3000 | 27 | 0 | 445 | 44,88491201 | 0 | 1178,781925 | 262,4631631 | 228 |
| actualizarUsuario | 1000 | 1 | 0 | 69 | 3,935276356 | 0 | 794,2811755 | 176,851668 | 228 |
| **Ramp up 5s** | **Vehiculos** | Importante |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| darTranvias | 250 | 5 | 1 | 176 | 14,13351704 | 0 | 48,98119122 | 24,06009686 | 503 |
| darVcubs | 4000 | 4 | 0 | 288 | 14,04884509 | 0 | 671,3662303 | 224,8814619 | 343 |
| DarMobibuses | 250 | 372 | 314 | 451 | 32,86679175 | 0 | 534,1880342 | 178,9321247 | 343 |

Felipe Sabogal

Javier Camargo

José Silva

David Bonilla

**Jesus Of Software**

En la parte de arriba tenemos las pruebas desarrolladas para la capa de Logica de la entrega parcial del experimento 1. En esta tabla podemos observar que los requerimientos no funcionales fueron satisfechos a cabalidad, esto dado a que la latencia fue menor a 1S para cada consulta, y en cuanto a la escalablidad de la aplicación se puede ver que soportó 5000 vehiculos simultáneamente en menos de 5S de respuesta.