**Performance Analysis**

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**Result Summary**

**Table in details:**

|  |  |  |  |
| --- | --- | --- | --- |
| AverageTimePerTransaction | |  |  |
| DataLoad | RPC(cluster) | RPC(single) | factor(cluster/single) |
| 150 | 0.0112 | 0.0022 | 5.184385931 |
| 450 | 0.0125 | 0.0021 | 5.947619048 |
| 1500 | 0.0133 | 0.0022 | 6.001079231 |
| 15000 | 0.0134 | 0.0022 | 6.114760751 |
| Standard Deviation |  |  |  |
| DataLoad | RPC(cluster) | RPC(single) | factor(cluster/single) |
| 150 | 0.00833 | 0.00111 | 7.512010324 |
| 450 | 0.00942 | 0.00113 | 8.339823009 |
| 1500 | 0.00996 | 0.00110 | 9.071695743 |
| 15000 | 0.01004 | 0.00110 | 9.129945972 |
| AverageThroughPut |  |  |  |
| DataLoad | RPC(cluster) | RPC(single) | factor(cluster/single) |
| 150 | 89.2266 | 462.8916 | 0.192759168 |
| 450 | 80.0607 | 472.0603 | 0.16959846 |
| 1500 | 75.2891 | 451.8850 | 0.166611209 |
| 15000 | 74.51362 | 455.6453 | 0.163534284 |

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