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Charts from the evaluation of Asynchronous Replication, Group Replication and Galera

Part 1: Summary Charts



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Safe Harbor Statement

The following is intended to outline our general product direction. It is intended for information purpose only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied up in making purchasing decisions. The development, release and timing of any features or functionality described for Oracle's product remains at the sole discretion of Oracle.

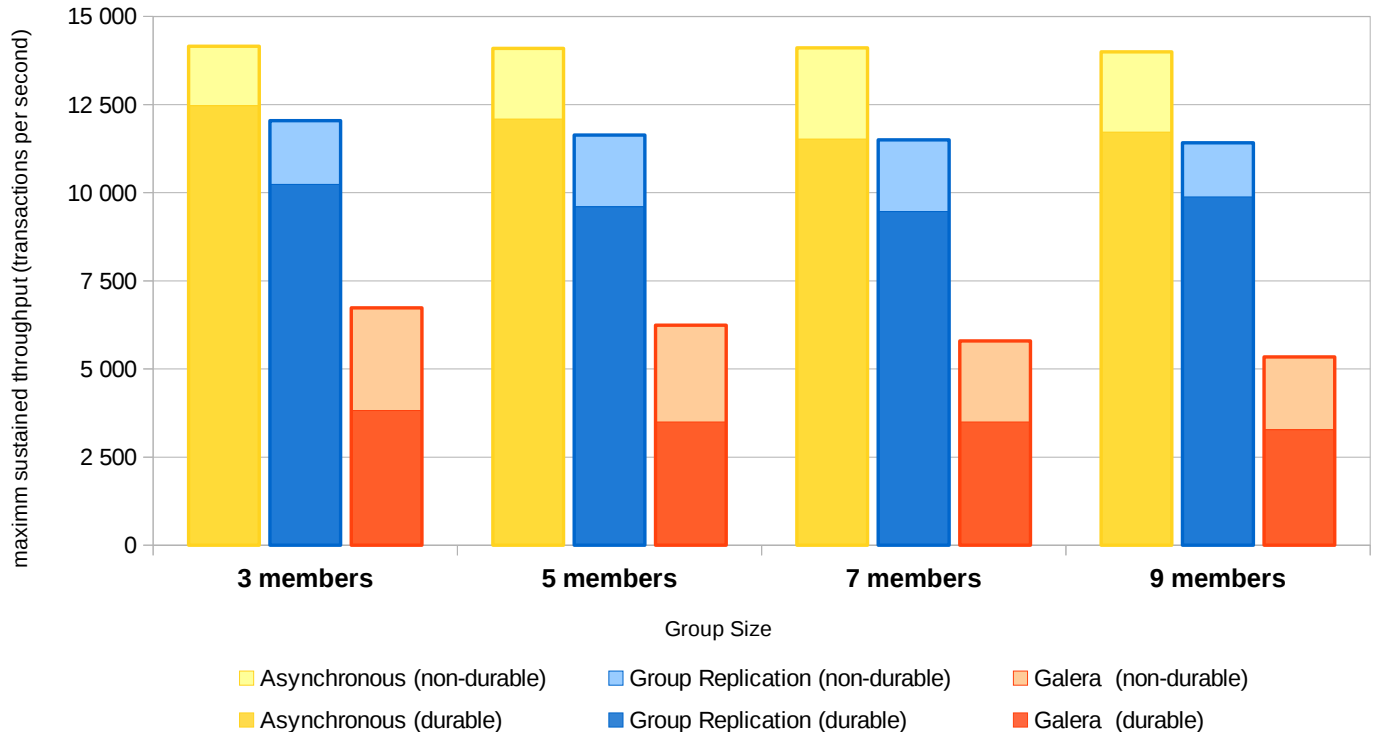
- 1. Sysbench OLTP RW**
2. Sysbench Update Index
3. Flow-control effects

For details refer to:

<http://mysqlhighavailability.com/performance-evaluation-mysql-5-7-group-replication/>

1. OLTP RW, Maximum throughput

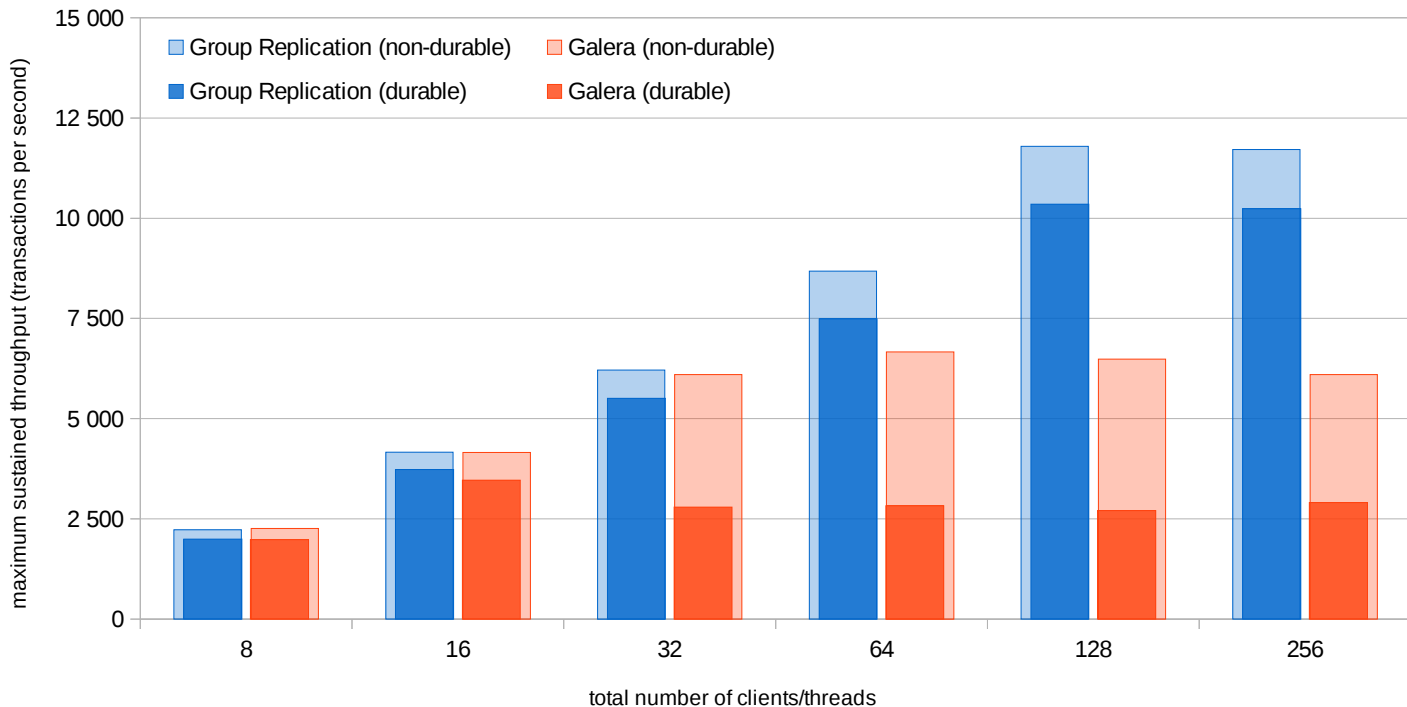
Single-master Maximum Throughput: Sysbench RW



1.1. OLTP RW, Throughput by Clients

Throughput by Number of Clients: Sysbench RW
(3 members)

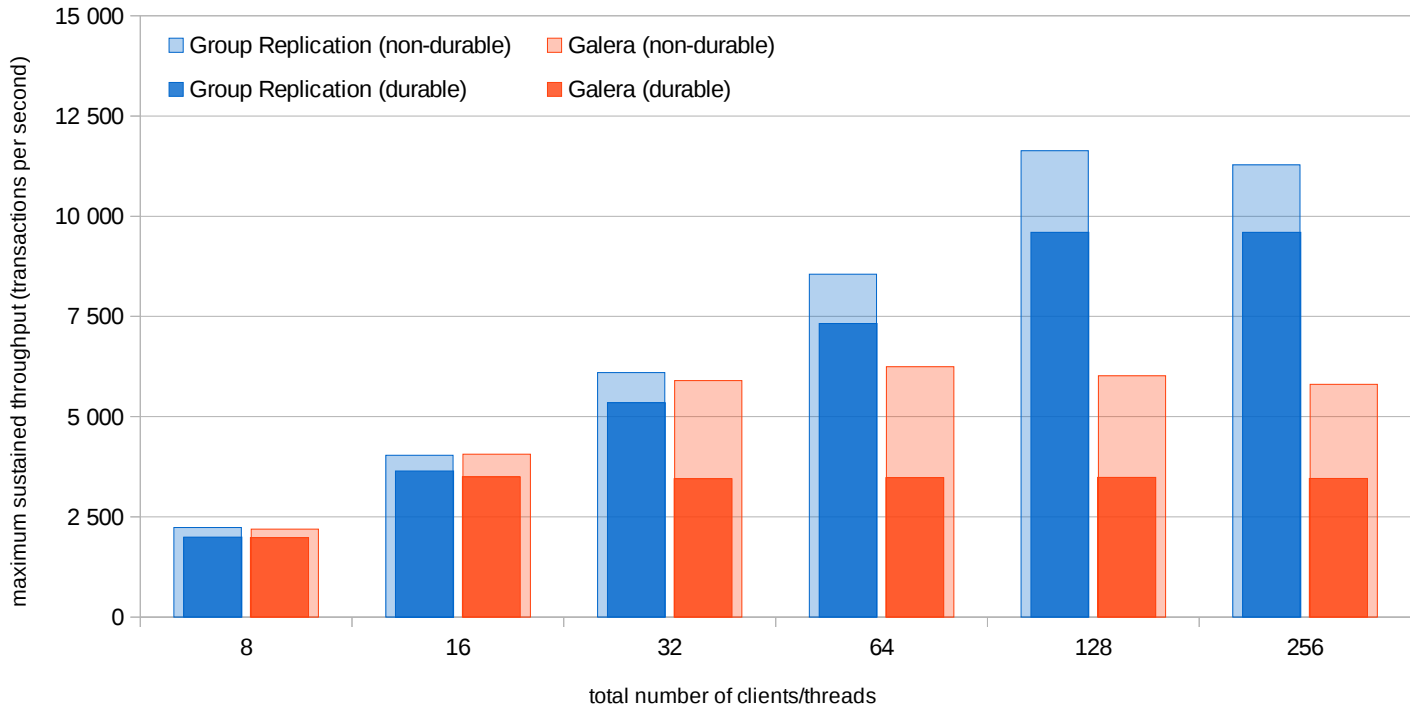
higher is better



1.1. OLTP RW, Throughput by Clients

Throughput by Number of Clients: Sysbench RW (5 members)

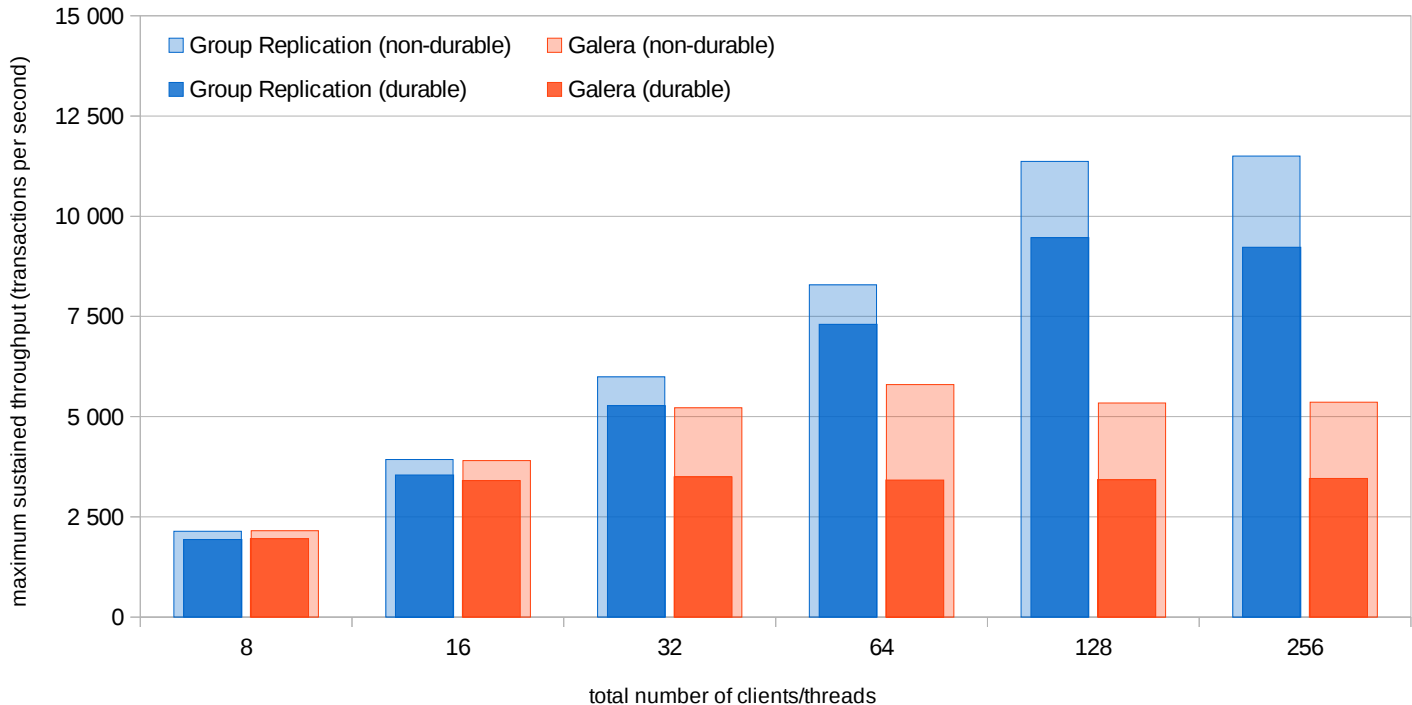
higher is better



1.1. OLTP RW, Throughput by Clients

Throughput by Number of Clients: Sysbench RW
(7 members)

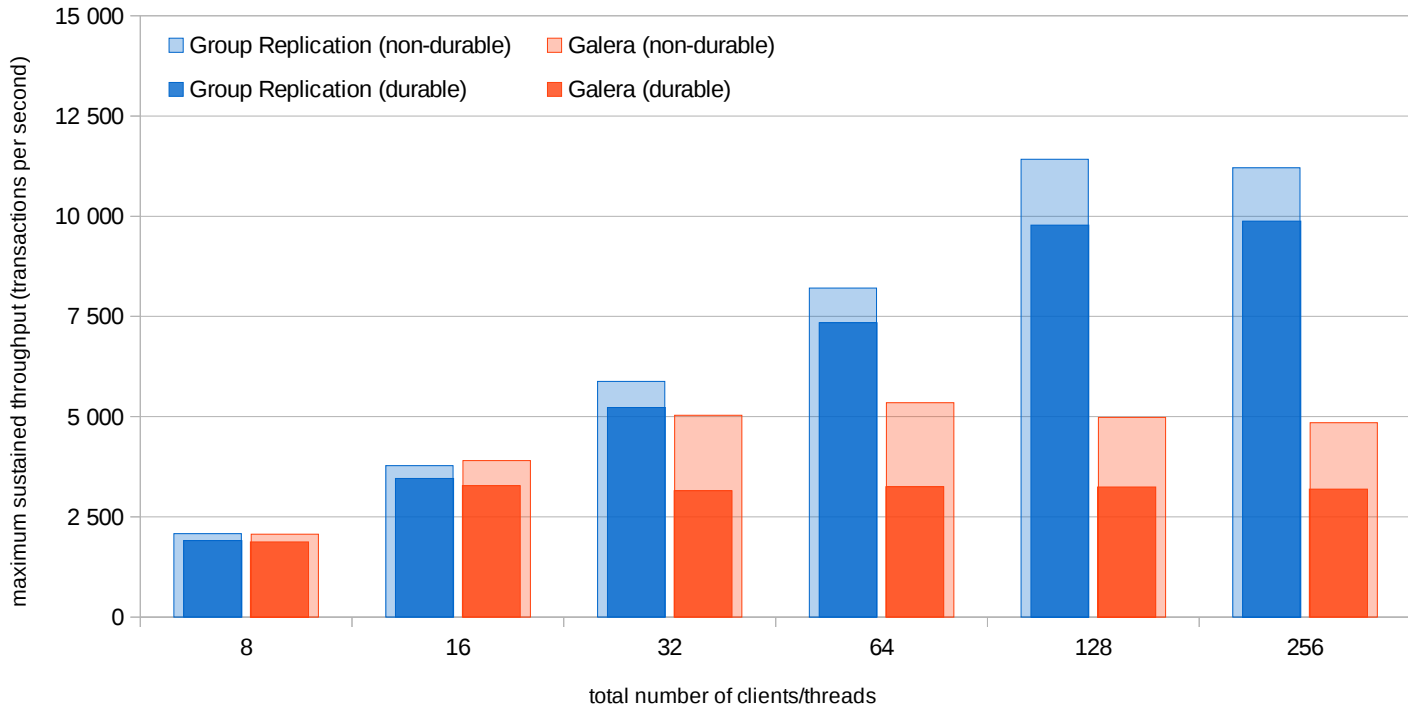
higher is better



1.1. OLTP RW, Throughput by Clients

Throughput by Number of Clients: Sysbench RW (9 members)

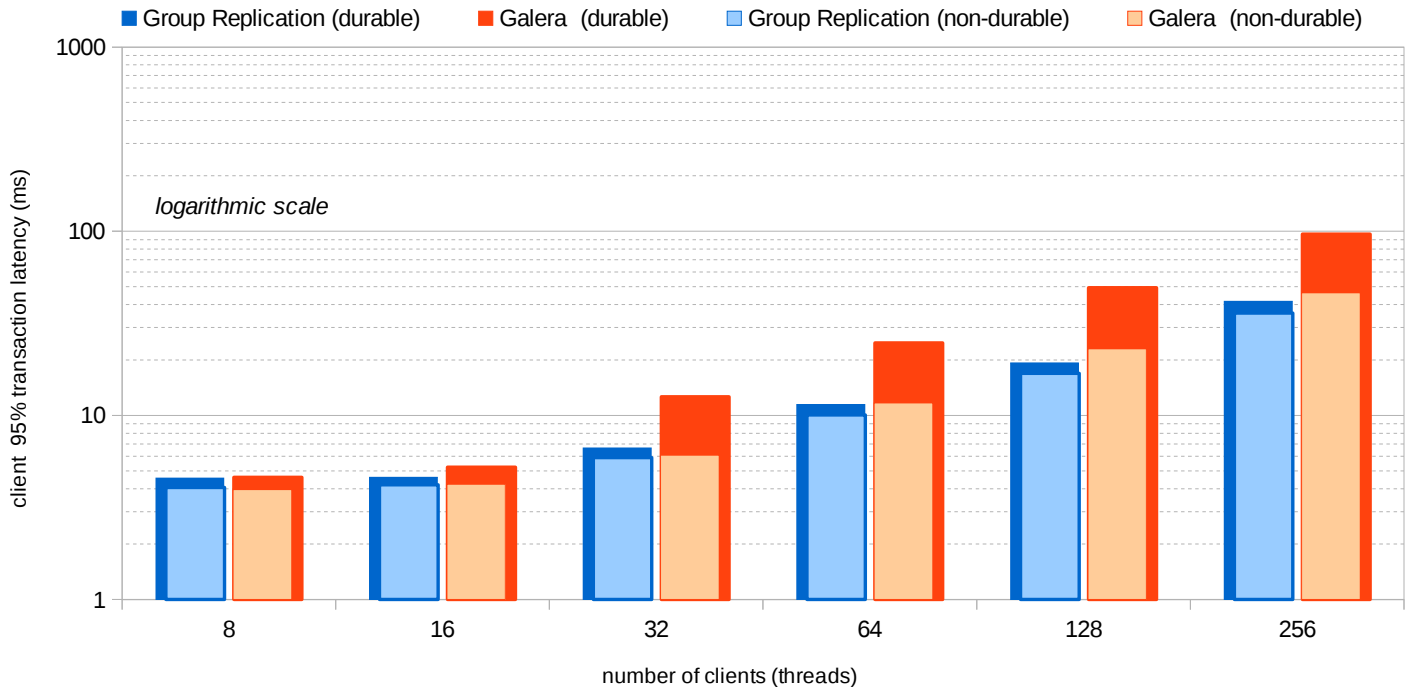
higher is better



1.2. OLTP RW, Latency by Clients

Single-master Latency: Sysbench RW (3 members)

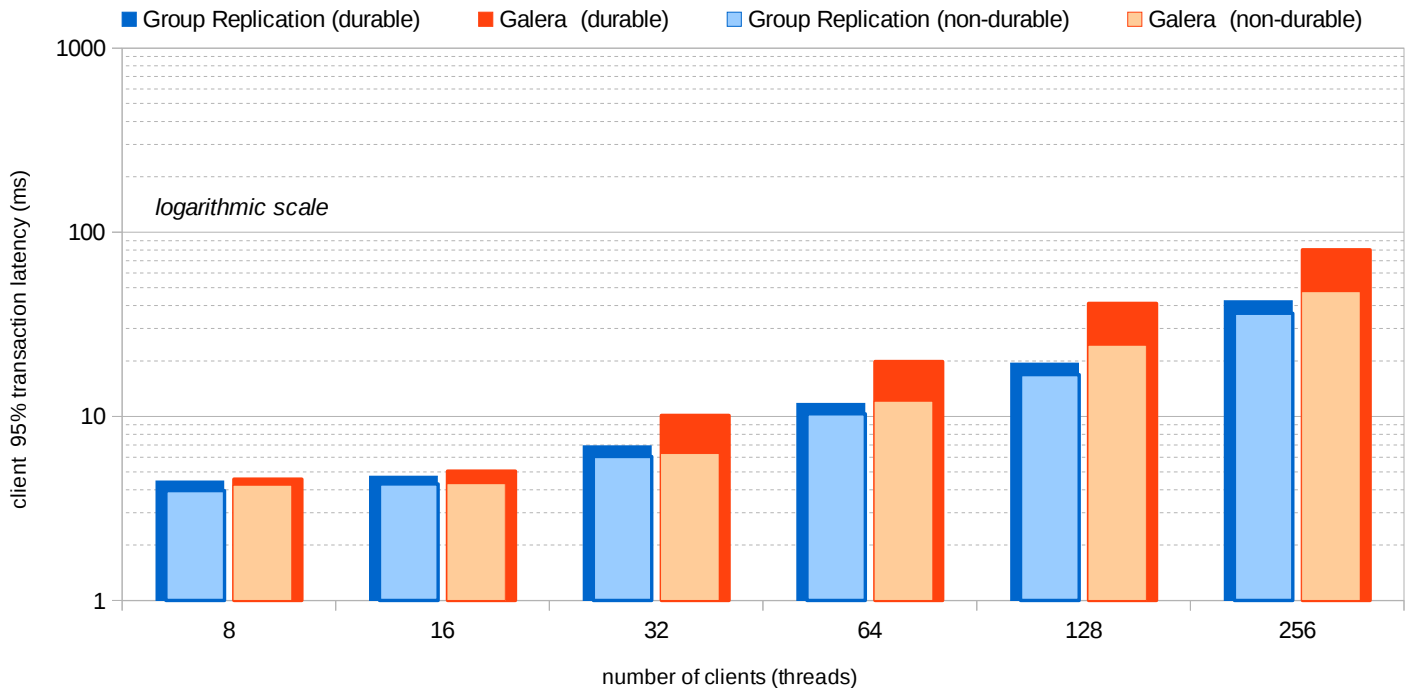
lower is better



1.2. OLTP RW, Latency by Clients

Single-master Latency: Sysbench RW (5 members)

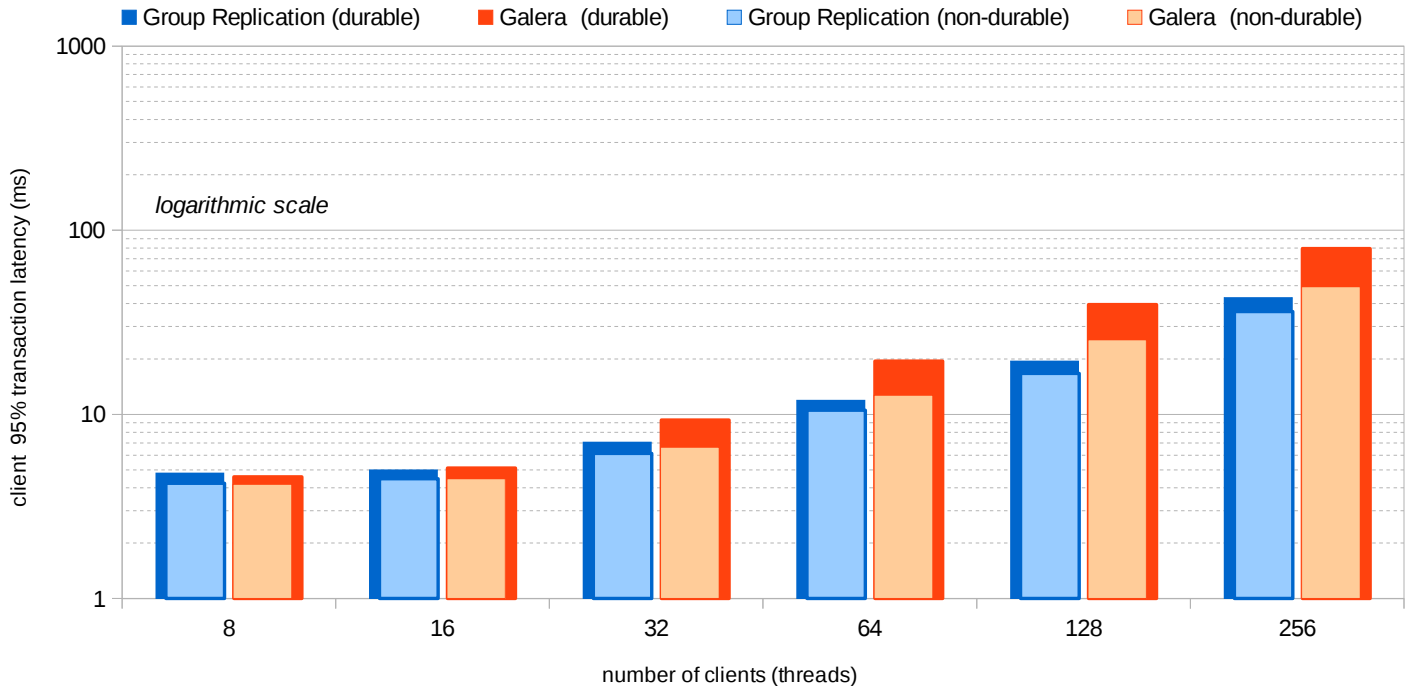
lower is better



1.2. OLTP RW, Latency by Clients

Single-master Latency: Sysbench RW (7 members)

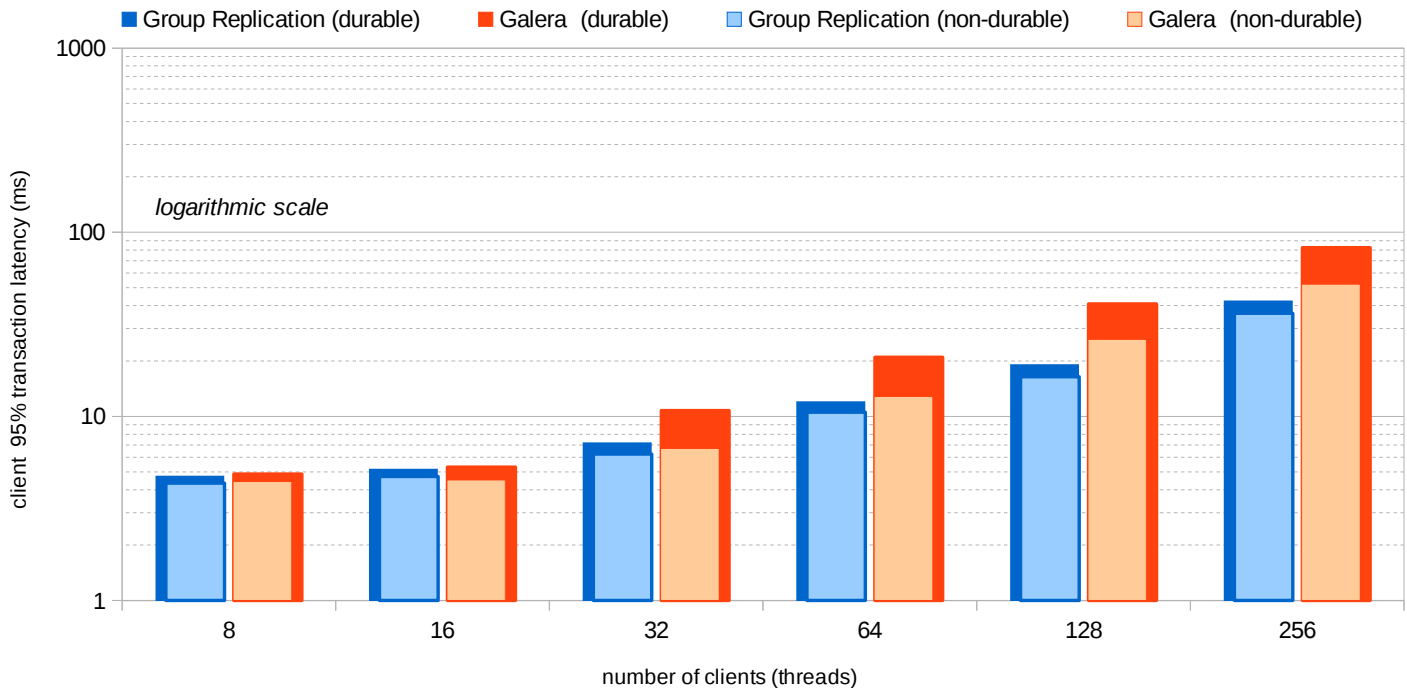
lower is better



1.2. OLTP RW, Latency by Clients

Single-master Latency: Sysbench RW (9 members)

lower is better



Contents

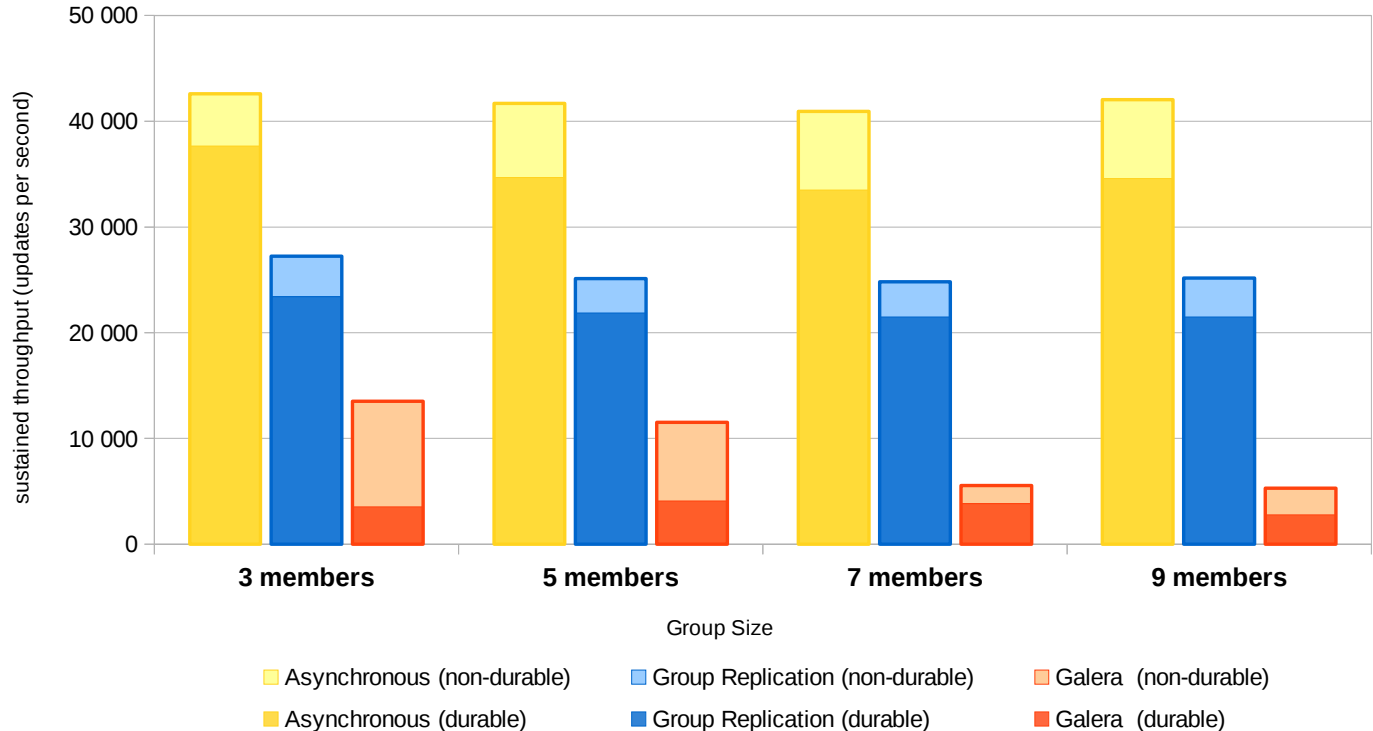
1. Sysbench OLTP RW
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2. Update Indexed, Maximum Throughput

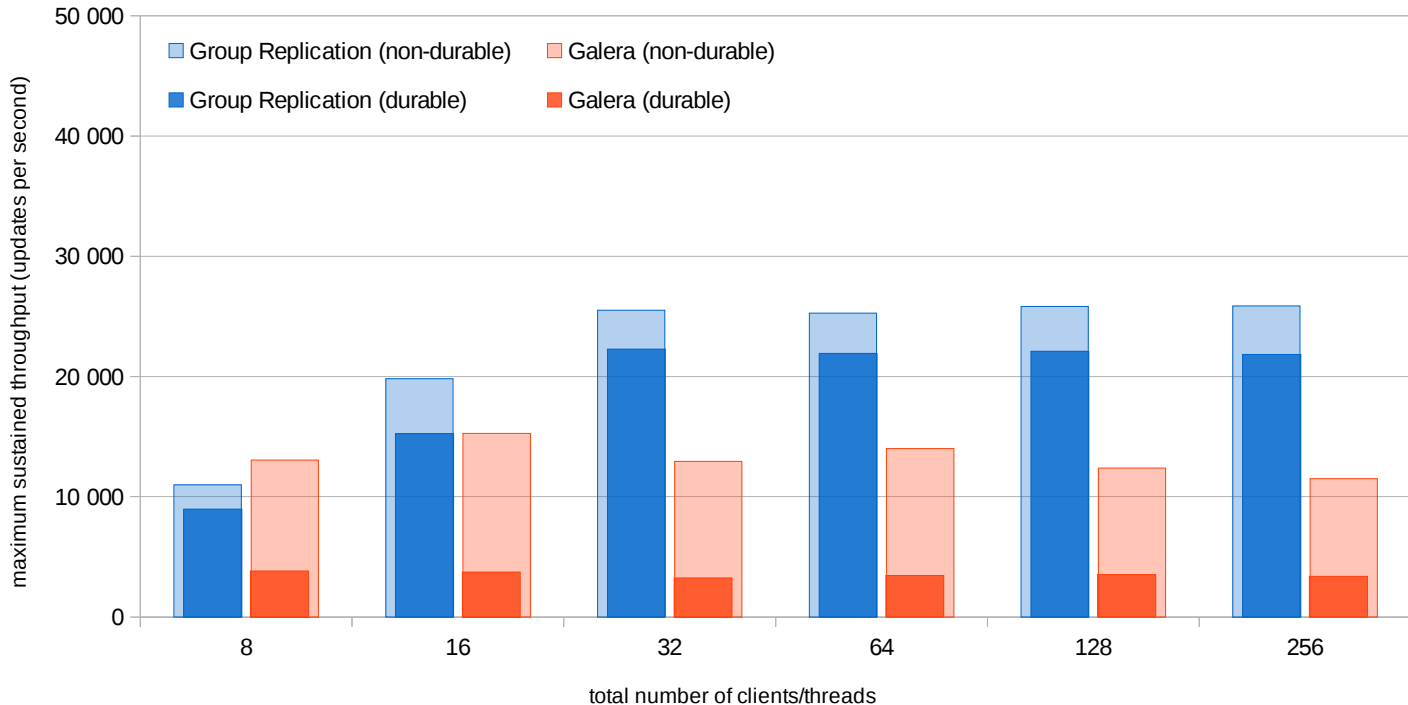
Single-master Maximum Throughput: Sysbench Update Indexed



2.1. Update Indexed, Throughput by Clients

Throughput by Number of Clients: Sysbench Update Indexed
(3 members)

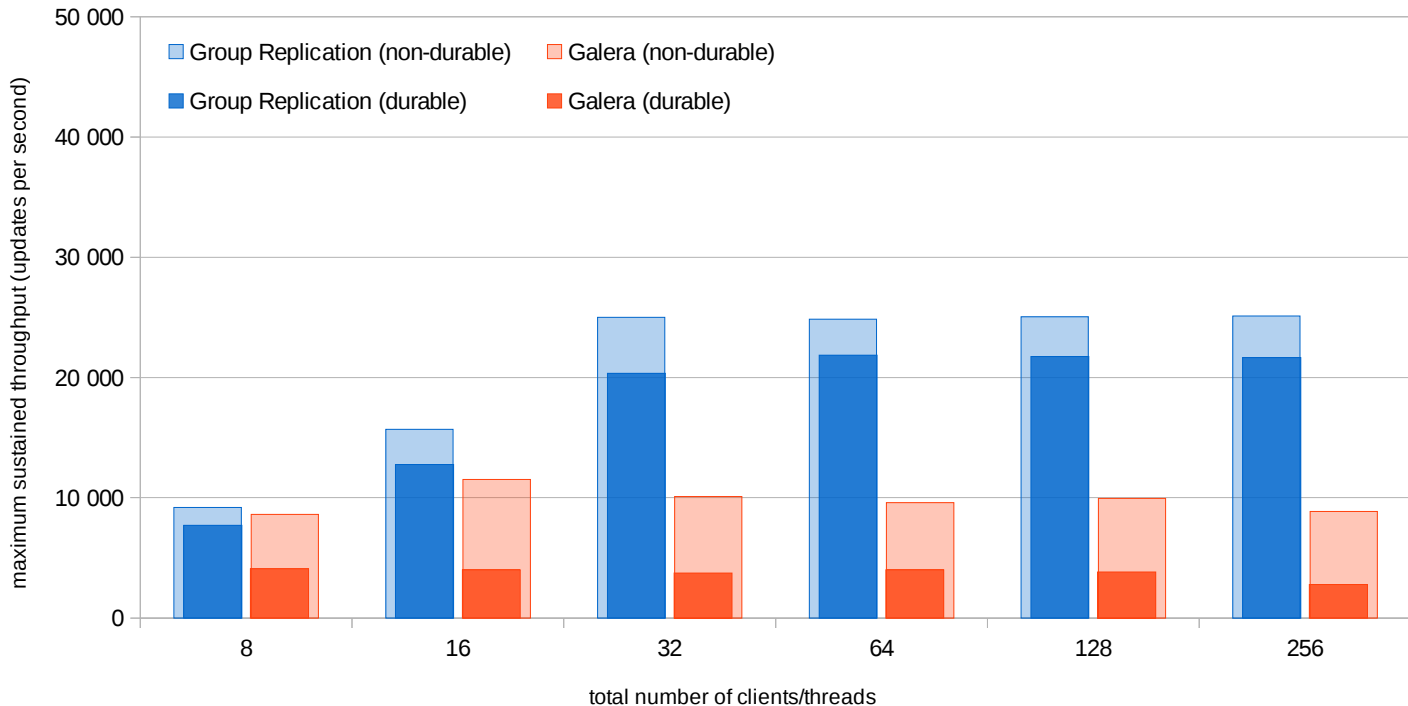
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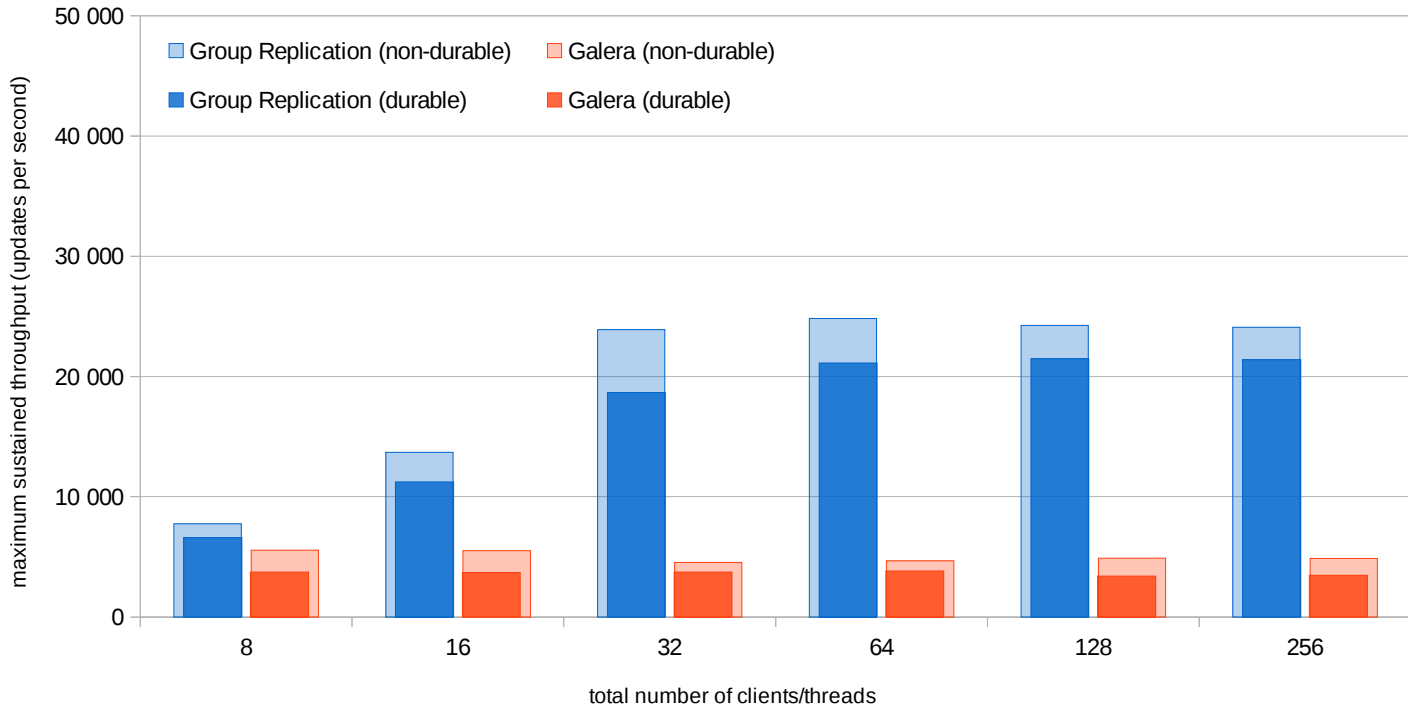
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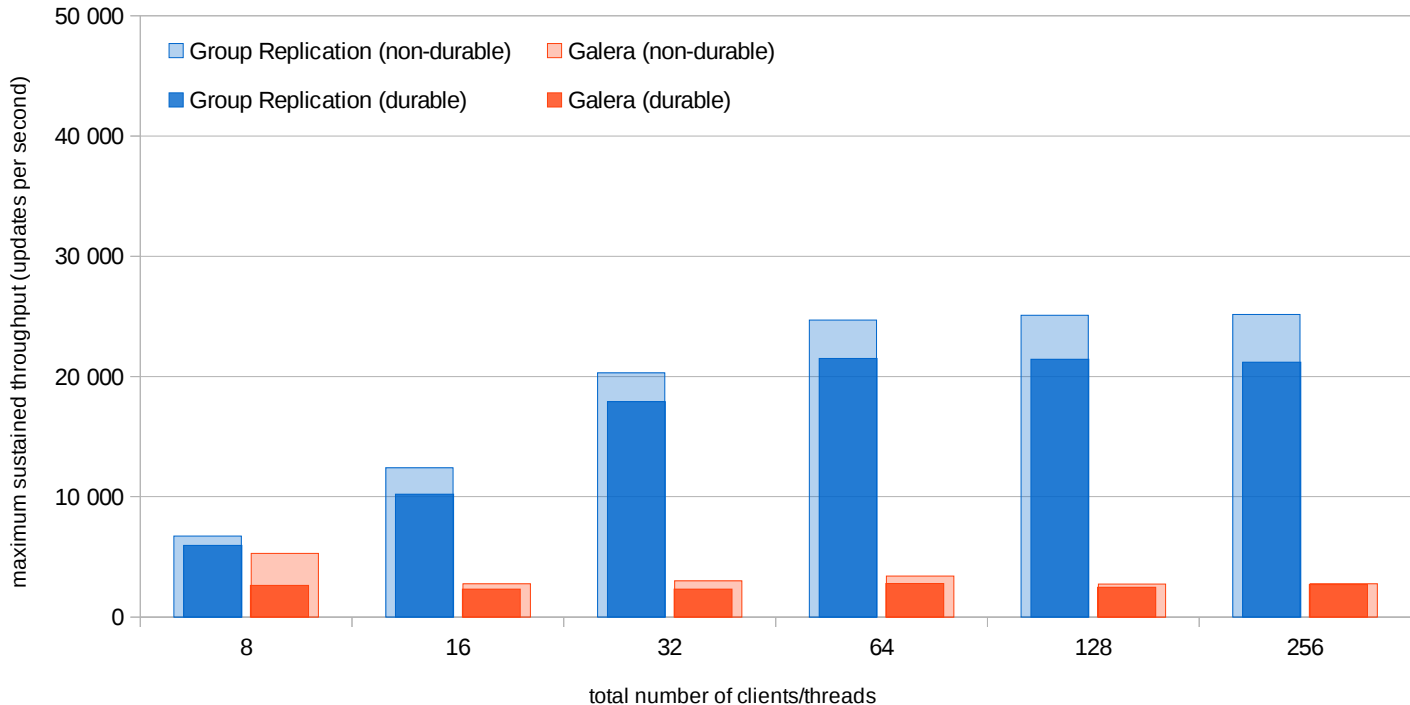
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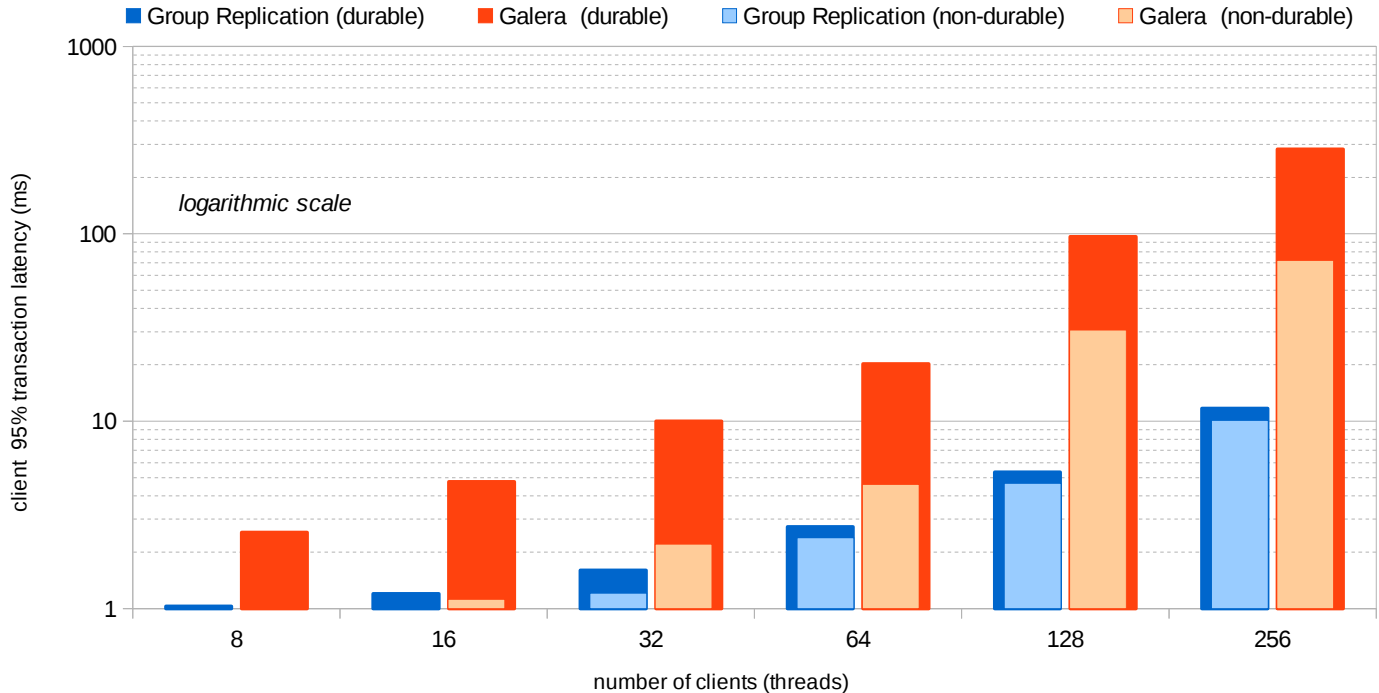
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2.2. Update Indexed, Latency by Clients

Single-master Latency: Sysbench Update Indexed (3 members)

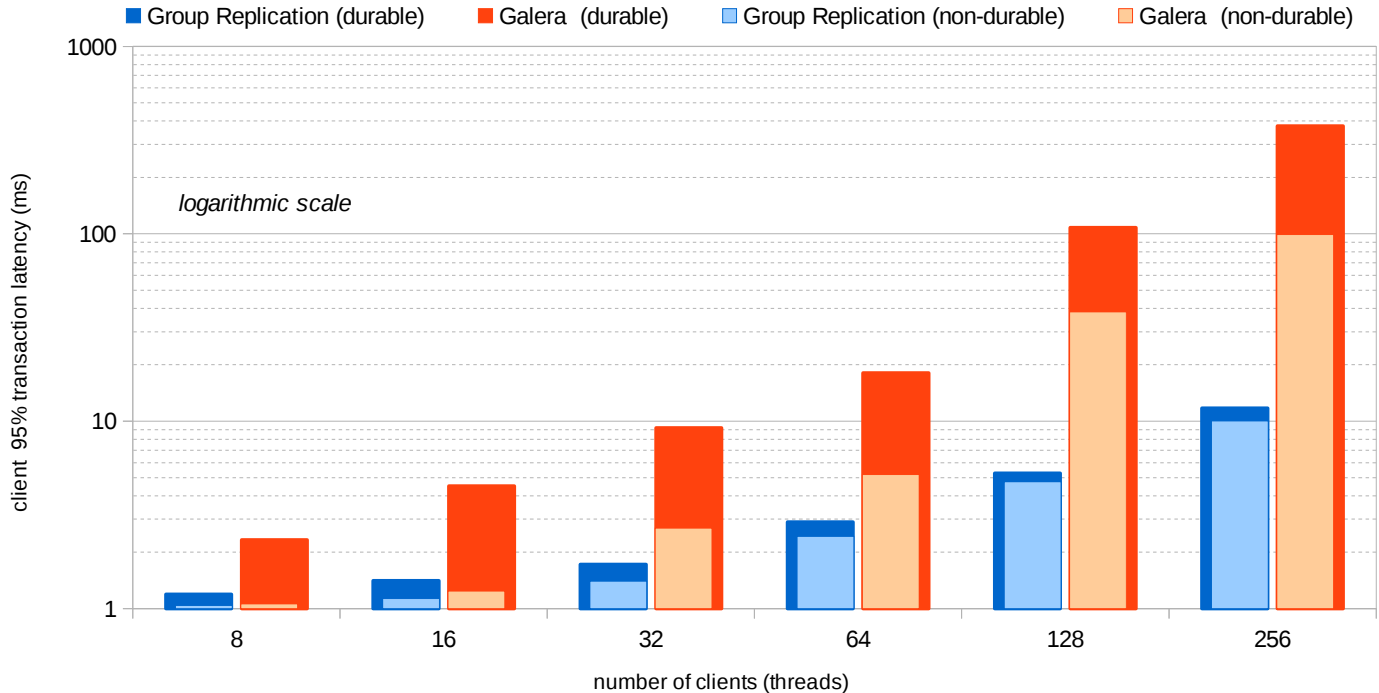
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Single-master Latency: Sysbench Update Indexed (5 members)

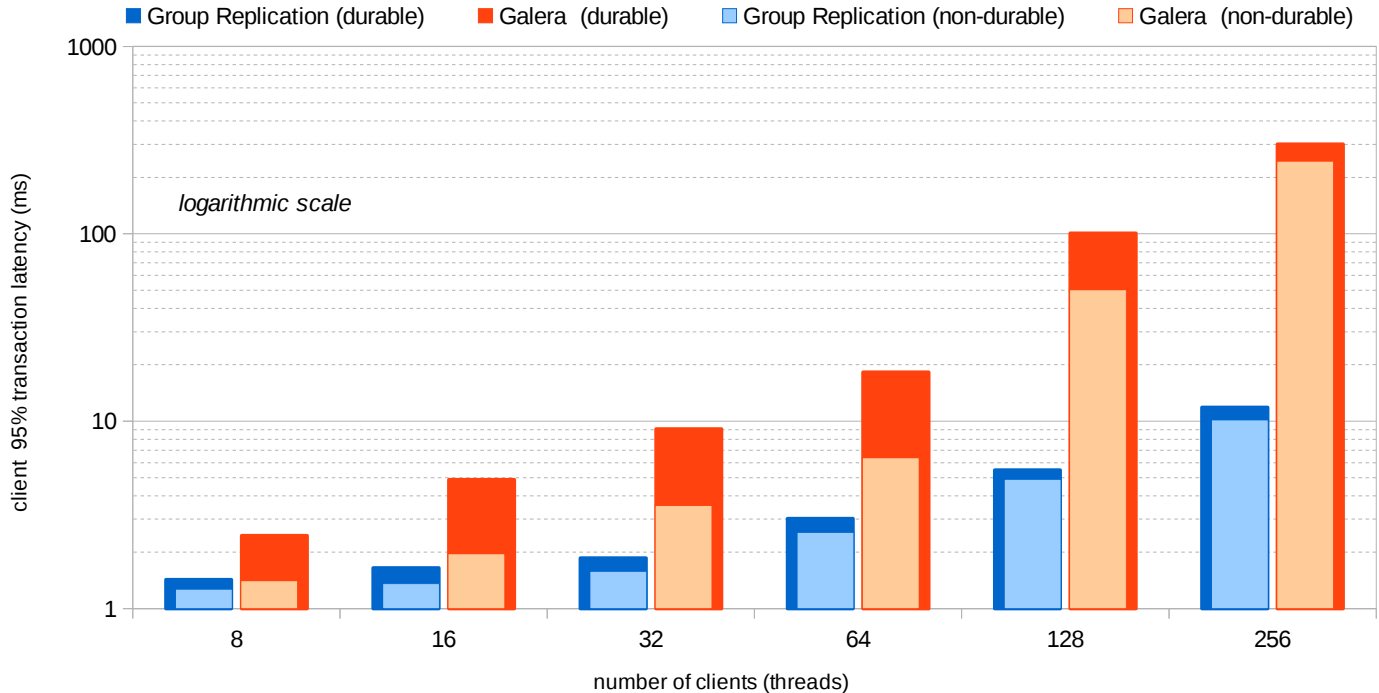
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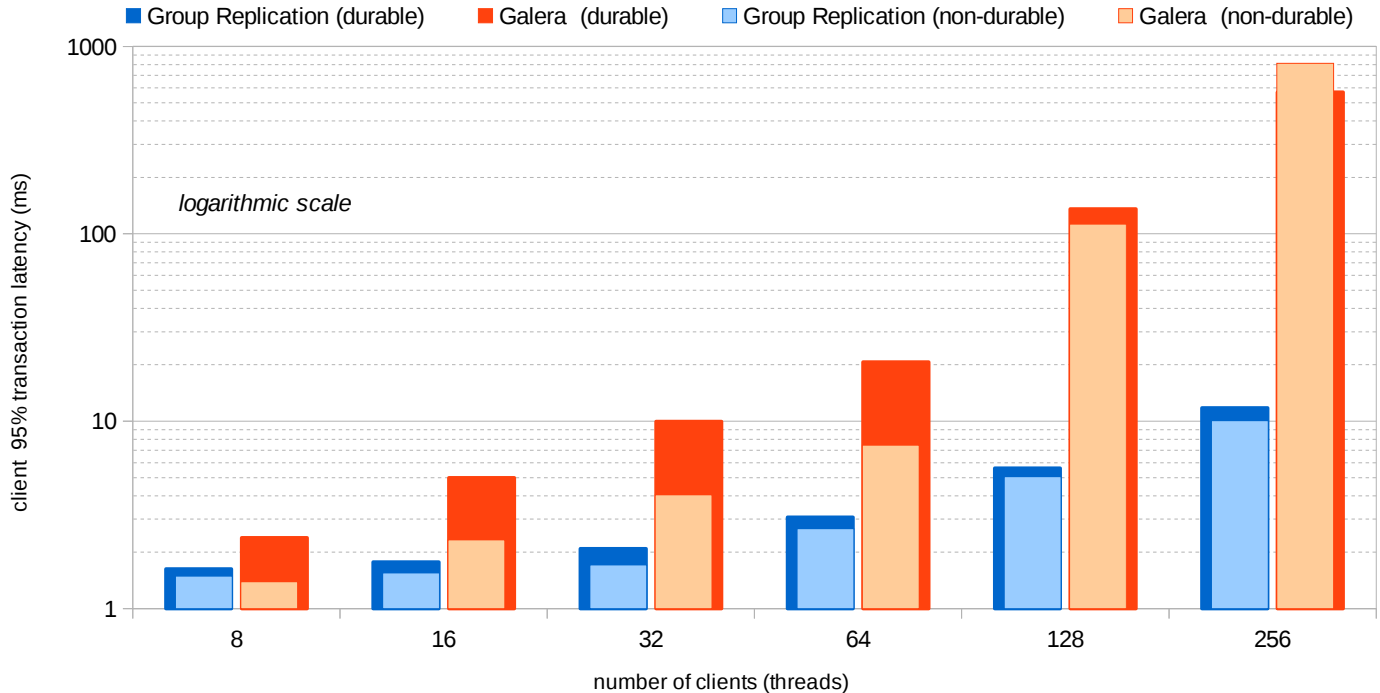
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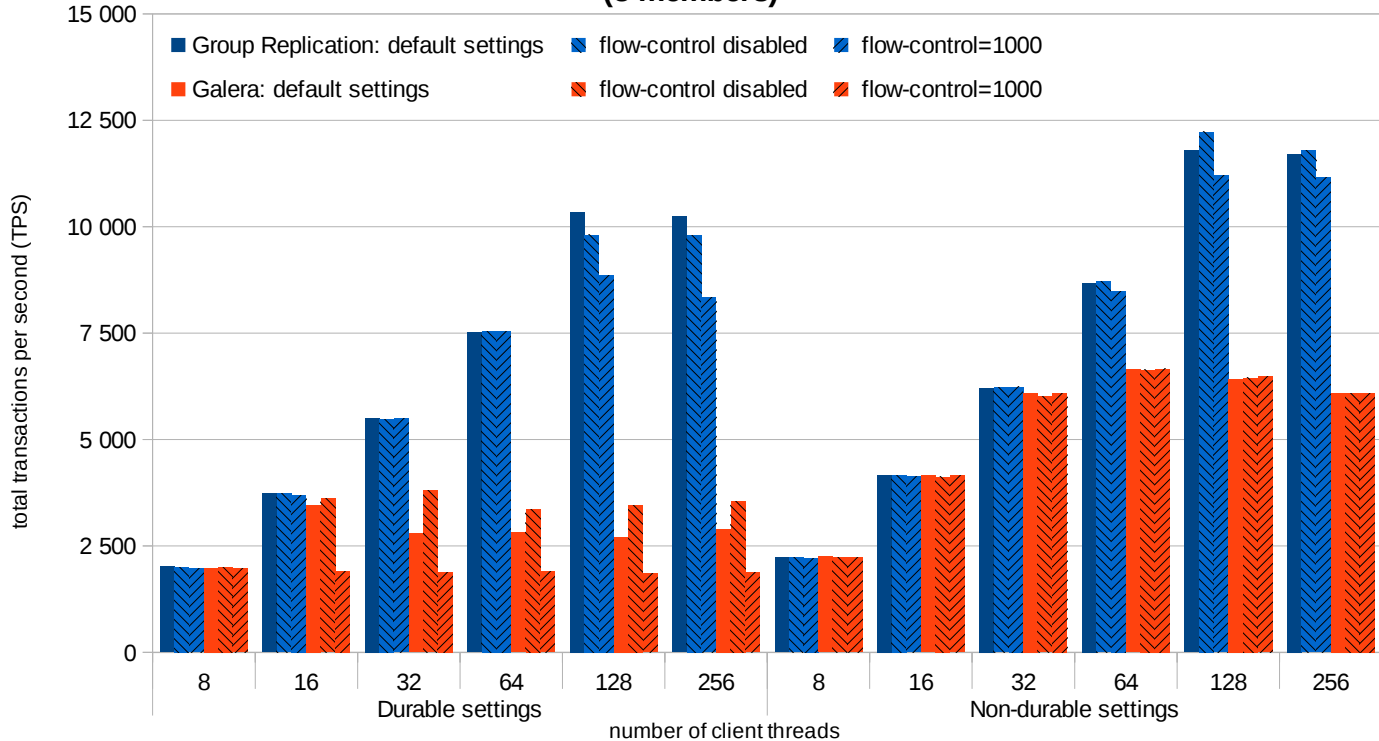
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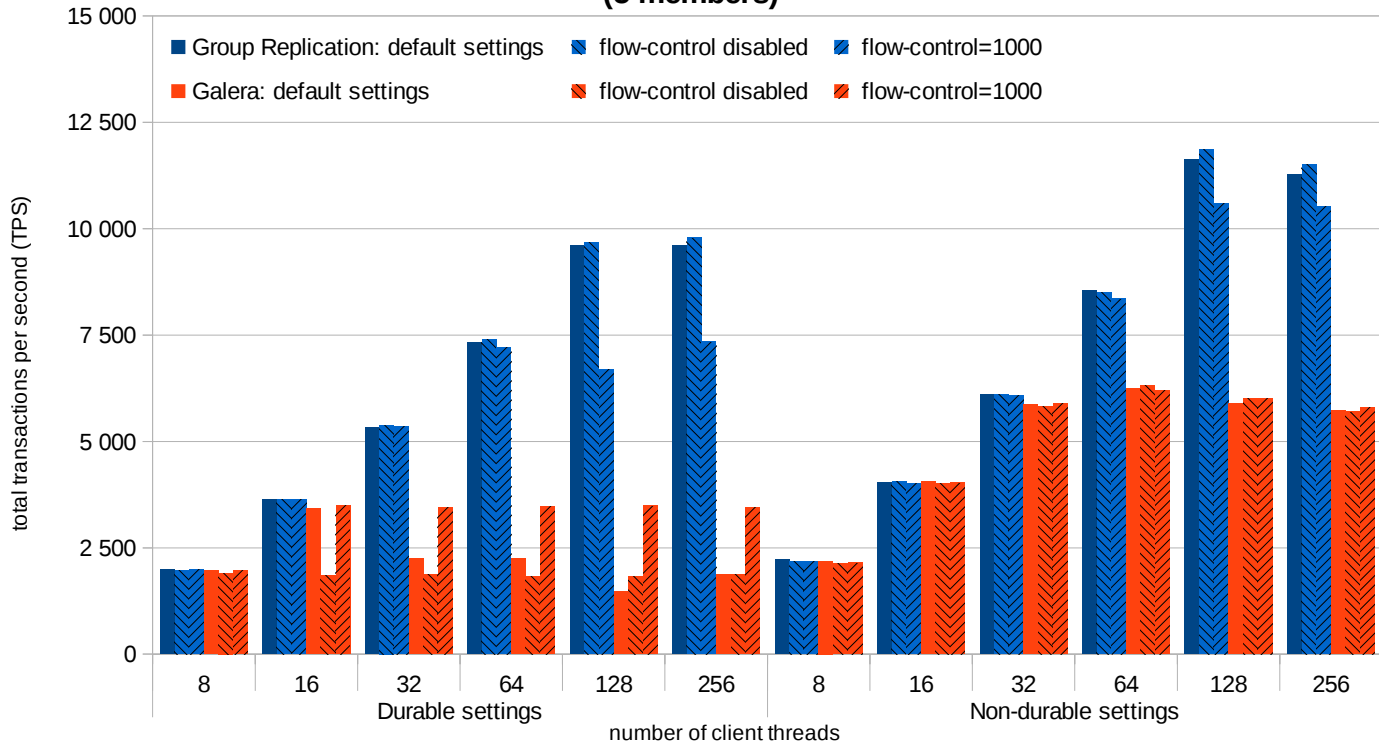
3. Flow-control effects

Throughput varying Flow-control: Sysbench OLTP RW
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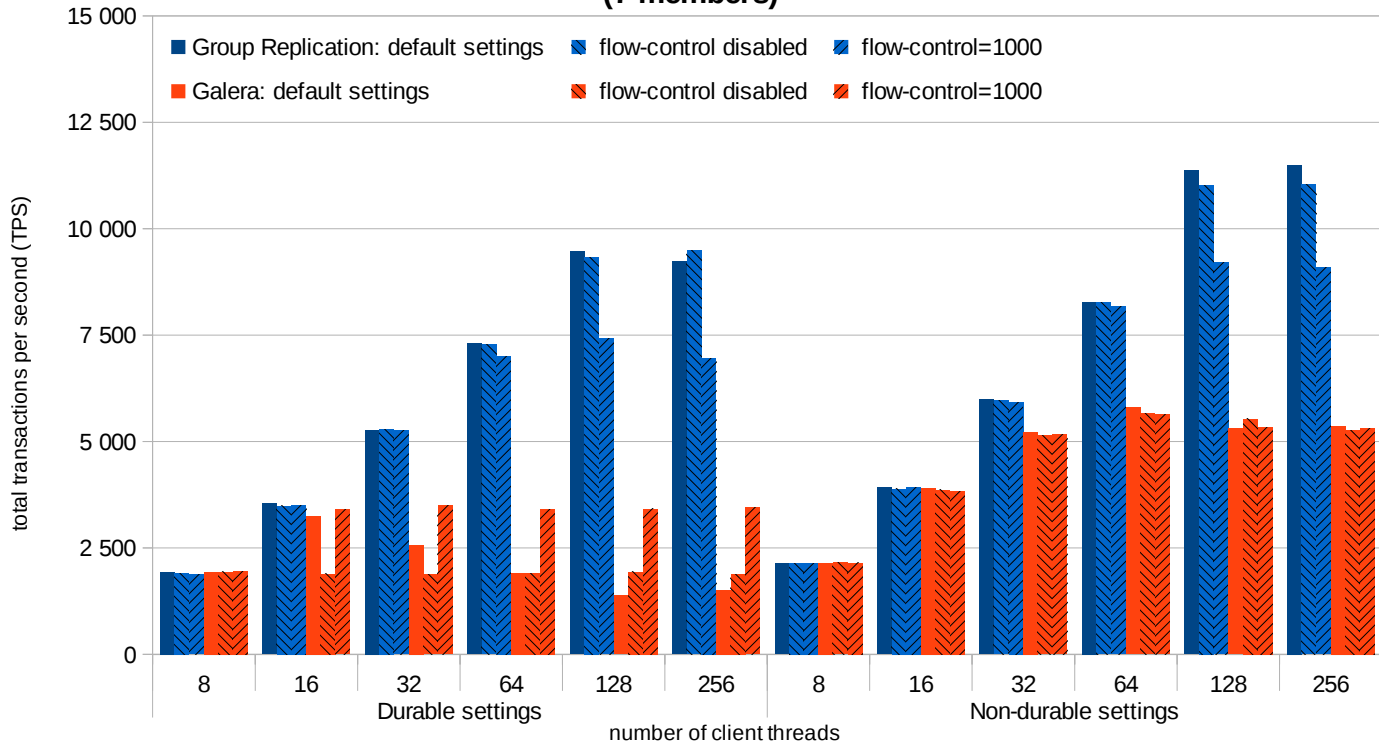
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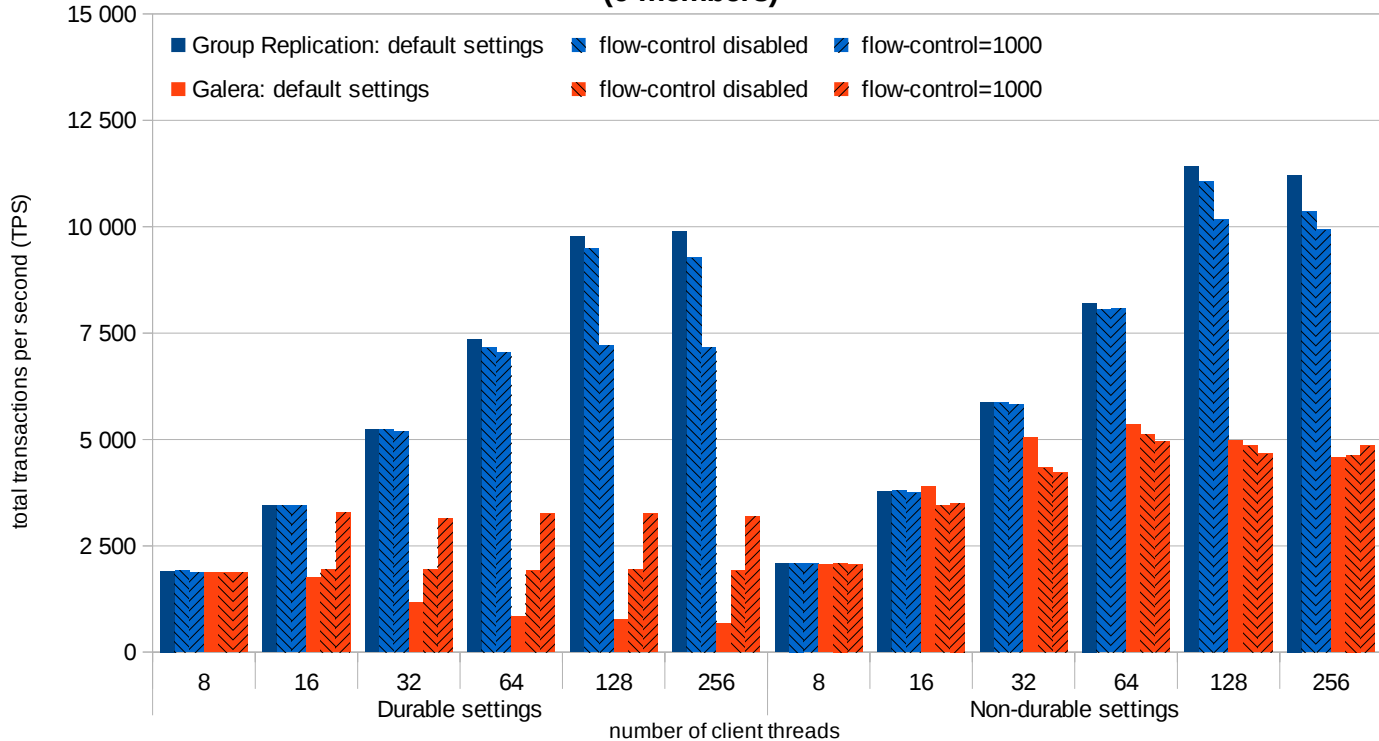
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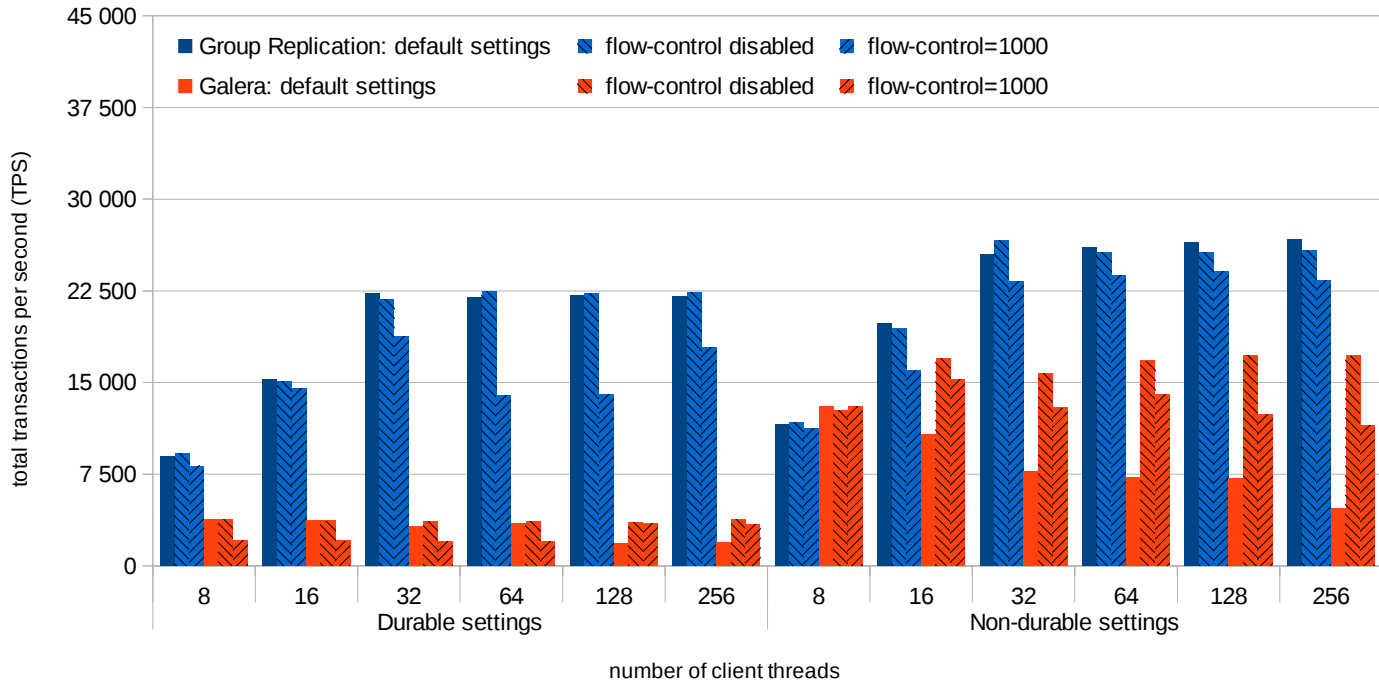
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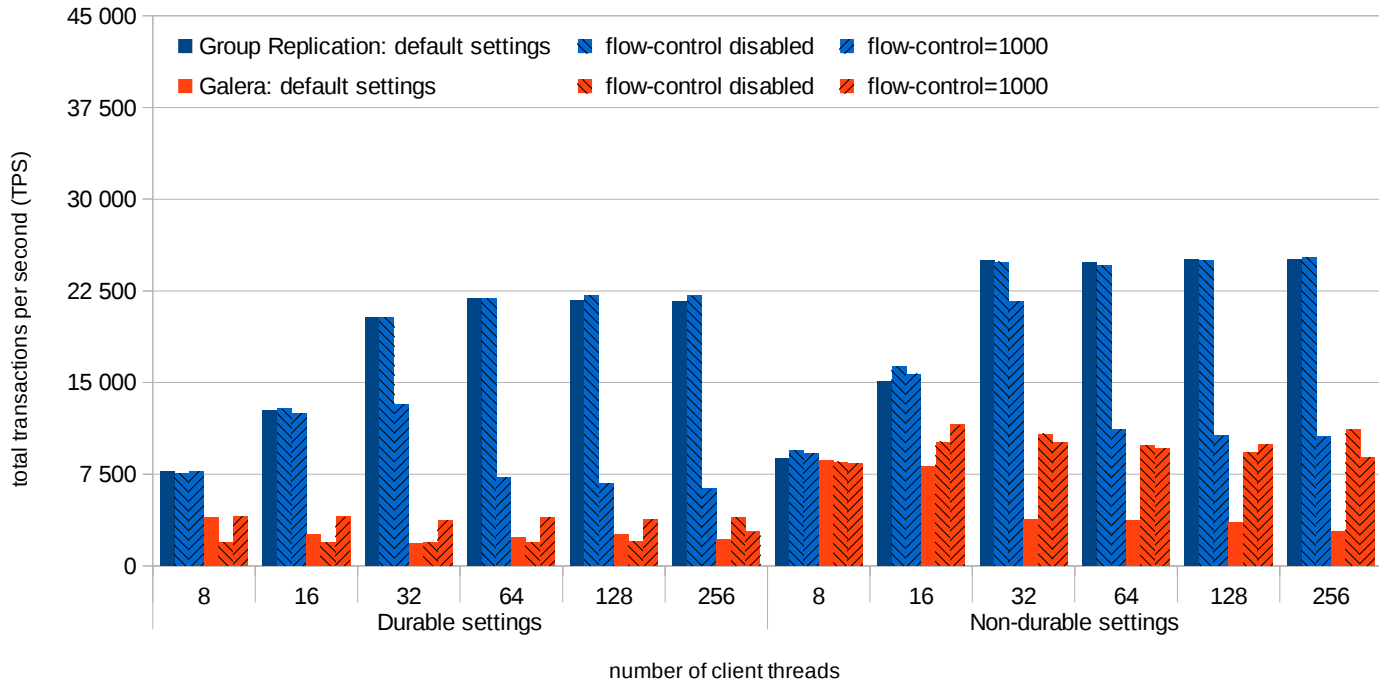
3. Flow-control effects

Throughput varying Flow-control: Sysbench Update Indexed (3 members)



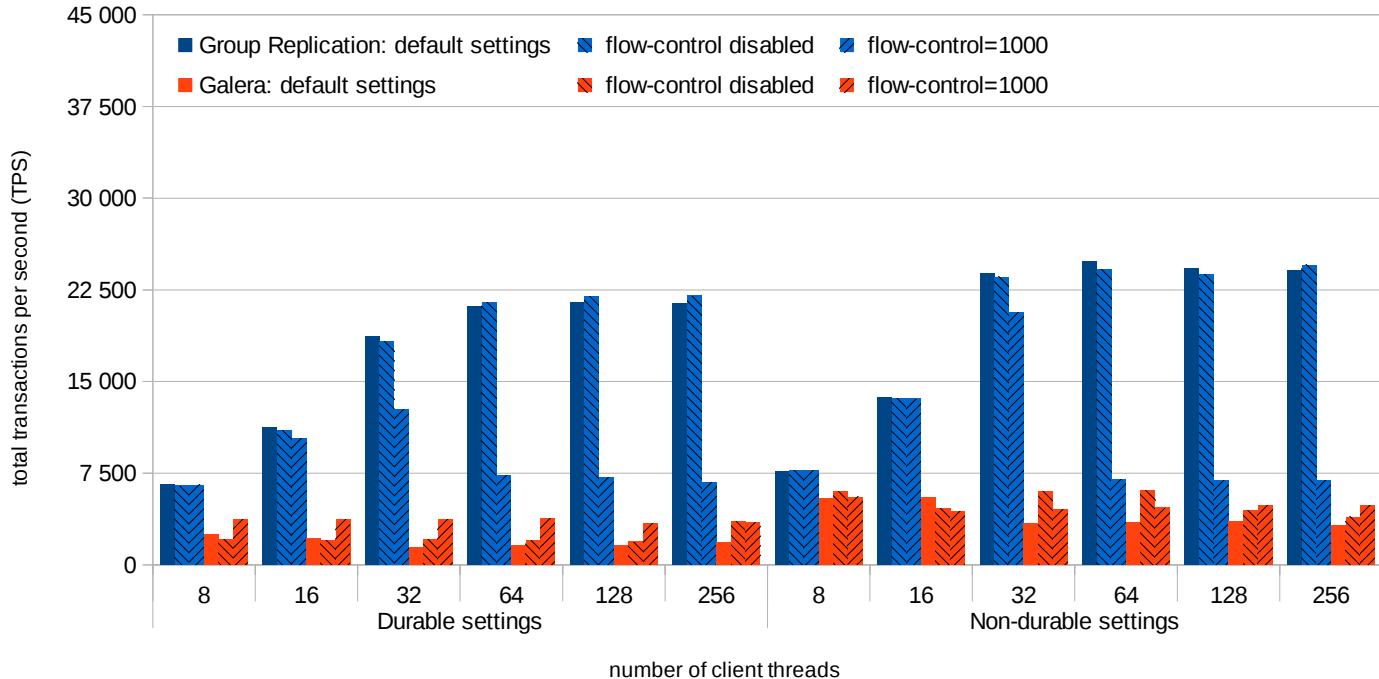
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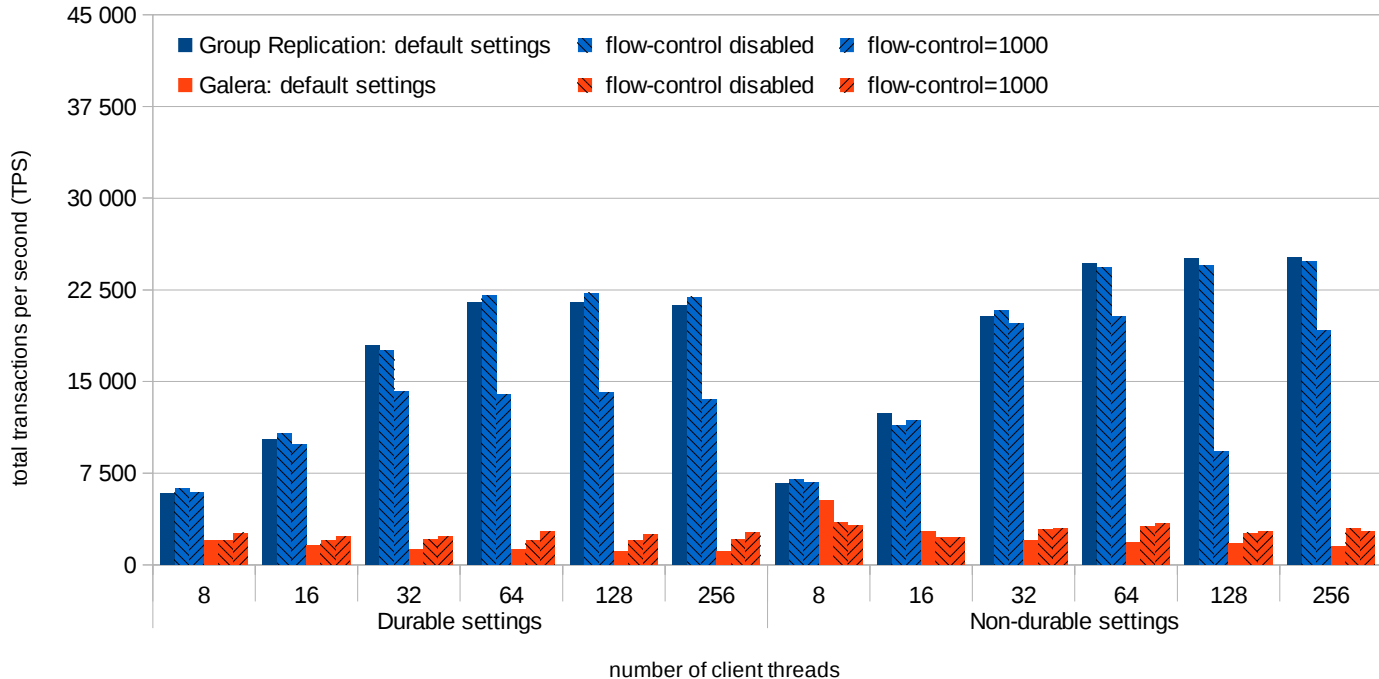
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