

aquatic_load_test 2020.04.19

| | tracker workers | load test workers | responses/second |
|--------------------|---|-----------------------------------|------------------|
| | | | |
| | <i>Hetzner CCX41, 16 dedicated vCPUs, Skylake (Linux 4.19.0-8-amd64) (aquatic 61841fff) (duration: 120s) (client_multiple_ips=true)</i> | | |
| | | | |
| aquatic | 2 (1 socket + 1 handler) | 2 (1 socket + 1 handler) | 167761.99 |
| | 3 (2 socket + 1 handler) | 3 (2 socket + 1 handler) | 186885.00 |
| | 3 (2 socket + 1 handler) | 4 (2 socket + 2 handler) | 166327.76 |
| | 4 (3 socket + 1 handler) | 3 (2 socket + 1 handler) | 215734.77 |
| | 5 (4 socket + 1 handler) | 3 (2 socket + 1 handler) | 235382.12 |
| | 5 (4 socket + 1 handler) | 4 (3 socket + 1 handler) | 283717.58 |
| | 5 (4 socket + 1 handler) | 5 (4 socket + 1 handler) | 245319.32 |
| | 6 (5 socket + 1 handler) | 4 (3 socket + 1 handler) | 309348.79 |
| | 8 (7 socket + 1 handler) | 4 (3 socket + 1 handler) | 308627.21 |
| | 8 (7 socket + 1 handler) | 5 (4 socket + 1 handler) | 360234.52 |
| | 8 (7 socket + 1 handler) | 6 (5 socket + 1 handler) | 407620.82 |
| | 8 (7 socket + 1 handler) | 7 (6 socket + 1 handler) | 391369.53 |
| | | | |
| opentracker | 0 (event based) | 6 (5 socket + 1 handler) | 136871.95 |
| | 0 (event based) | 2 (1 socket + 1 handler) | 143332.38 |
| | 0 (event based) | 3 (2 socket + 1 handler) | 136674.13 |
| | 1 | 2 (1 socket + 1 handler) | 175577.92 |
| | 1 | 3 (2 socket + 1 handler) | 176652.49 |
| | 2 | 3 (2 socket + 1 handler) | 96481.83 |
| | 2 | 2 (1 socket + 1 handler) | 98281.81 |
| | 2 | 2 (1 socket + 1 handler) | 97483.29 |
| | 3 | 3 (2 socket + 1 handler) | 118329.65 |
| | 4 | 3 (2 socket + 1 handler) | 126709.70 |
| | 4 | 2 (1 socket + 1 handler) | 121686.86 |
| | 6 | 4 (3 socket + 1 handler) | 108720.93 |
| | 6 | 2 (1 socket + 1 handler) | 106915.74 |
| | 8 | 6 (5 socket + 1 handler) | 86619.79 |
| | 8 | 3 (2 socket + 1 handler) | 94477.09 |
| | 8 | 2 (1 socket + 1 handler) | 96359.11 |
| | | | |
| | <i>Hetzner CCX51 (cpu MHz: 2294.608, cache size: 16384 KB), otherwise as above. Generally, several aquatic socket workers were at very low CPU utilization. Note that performance with 8 aquatic workers is a lot worse than with Hetzner CCX41, which might mean that aquatic does in fact continue to scale in performance with 8+ threads, at least up to 10-12 or so.</i> | | |
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| aquatic | 8 (7 socket + 1 handler) | 6 (5 socket + 1 handler) | 287211.85 |
| | 10 (9 socket + 1 handler) | 9 (8 socket + 1 handler) | 424382.48 |
| | 10 (9 socket + 1 handler) | 10 (8 socket + 2 handler) | 391498.83 |
| | 12 (11 socket + 1 handler) | 9 (8 socket + 1 handler) | 450943.03 |
| | 16 (15 socket + 1 handler) | 11 (10 socket + 1 handler) | 475666.27 |
| | 16 (14 socket + 2 handler) | 12 (10 socket + 2 handler) | 456140.57 |
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