

UTP Q4 2024 - December Tape C Quote Metrics

| Quarter | System Availability (1) | Peak Messages Per Second (thousands) | Capacity Messages Per Second (thousands) | Capacity vs Peak Ratio | Peak Messages Per 100 | Capacity Messages Per 100 | Capacity vs Peak Ratio | Peak Messages Per 10 | Peak Messages Per 1 Millisecond (thousands) | Peak Transactions Per Day (millions) | Capacity Transactions Per Day (millions) | Average Latency (µs) | Median Latency (µs) | 10th Percentile Latency (µs) | 90th Percentile Latency (µs) | 99th Percentile Latency (µs) |
|----------|-------------------------|--------------------------------------|--|------------------------|------------------------------|---------------------------|------------------------|--------------------------|---|--------------------------------------|--|----------------------|---------------------|------------------------------|------------------------------|------------------------------|
| | | | | | Milliseconds (thousands) (2) | Milliseconds (thousands) | | Milliseconds (thousands) | 1 Millisecond (thousands) | | | | | | | |
| 1Q18 | 100.00% | 266.4 | 2,809.8 | 10.5:1 | 72.3 | 283.1 | 3.9:1 | n/a | n/a | 412.3 | 5,461.5 | 16.7 | 16.5 | 15.4 | 18.2 | 22.2 |
| 2Q18 | 100.00% | 317.6 | 2,809.8 | 8.8:1 | 68.5 | 283.1 | 4.1:1 | n/a | n/a | 279.8 | 5,461.5 | 16.8 | 16.6 | 15.5 | 18.2 | 22.7 |
| 3Q18 | 100.00% | 295.6 | 2,809.8 | 9.5:1 | 70.7 | 283.1 | 4.0:1 | n/a | n/a | 205.3 | 5,461.5 | 16.8 | 16.5 | 15.4 | 18.0 | 22.4 |
| 4Q18 | 100.00% | 297.6 | 3,075.9 | 10.3:1 | 83.7 | 308.4 | 3.7:1 | n/a | n/a | 476.1 | 5,461.5 | 16.9 | 16.6 | 15.5 | 18.6 | 23.8 |
| 1Q19 | 100.00% | 372.3 | 3,075.9 | 8.3:1 | 81.6 | 308.4 | 3.8:1 | 20.4 | 3.4 | 321.5 | 5,461.5 | 17.0 | 16.6 | 15.5 | 18.6 | 24.5 |
| 2Q19 | 100.00% | 338.9 | 3,075.9 | 9.1:1 | 75.6 | 308.4 | 4.1:1 | 20.0 | 3.4 | 301.2 | 5,461.5 | 16.9 | 16.5 | 15.4 | 18.4 | 23.3 |
| 3Q19 | 100.00% | 361.9 | 3,075.9 | 8.5:1 | 74.5 | 308.4 | 4.1:1 | 19.5 | 3.3 | 314.9 | 5,461.5 | 16.9 | 16.5 | 15.4 | 18.4 | 22.9 |
| 4Q19 | 100.00% | 356.1 | 3,075.9 | 8.6:1 | 97.2 | 310.8 | 3.2:1 | 18.8 | 3.3 | 264.5 | 5,461.5 | 16.8 | 16.5 | 15.5 | 18.4 | 22.7 |
| 1Q20 | 100.00% | 324.7 | 3,075.9 | 9.5:1 | 95.8 | 310.8 | 3.2:1 | 20.5 | 3.4 | 614.8 | 5,461.5 | 16.8 | 16.5 | 15.4 | 18.4 | 22.9 |
| 2Q20 | 100.00% | 334.3 | 3,075.9 | 9.2:1 | 87.9 | 310.8 | 3.5:1 | 17.8 | 3.4 | 570.3 | 5,461.5 | 15.0 | 14.5 | 13.5 | 16.2 | 20.1 |
| 3Q20 | 100.00% | 322.4 | 3,490.0 | 10.8:1 | 90.6 | 1,290.0 | 14.2:1 | 16.1 | 3.5 | 534.9 | 16,777.8 | 13.2 | 13.0 | 12.0 | 14.6 | 18.0 |
| 4Q20 | 100.00% | 372.5 | 3,490.0 | 9.4:1 | 91.3 | 1,290.0 | 14.1:1 | 18.9 | 5.6 | 462.7 | 16,777.8 | 13.0 | 12.8 | 11.7 | 14.5 | 19.0 |
| 1Q21 | 100.00% | 493.2 | 3,490.0 | 7.1:1 | 101.3 | 1,290.0 | 12.7:1 | 18.2 | 4.4 | 884.0 | 16,777.8 | 13.1 | 12.8 | 11.7 | 14.5 | 18.6 |
| 2Q21 | 100.00% | 545.1 | 3,490.0 | 6.4:1 | 95.8 | 1,290.0 | 13.5:1 | 18.4 | 4.8 | 822.0 | 16,777.8 | 13.2 | 13.0 | 11.7 | 14.6 | 19.1 |
| 3Q21 | 100.00% | 484.6 | 4,031.8 | 8.3:1 | 105.8 | 1,876.9 | 17.7:1 | 22.1 | 5.0 | 778.0 | 16,450.0 | 13.1 | 12.8 | 11.7 | 14.6 | 18.8 |
| 4Q21 | 100.00% | 353.4 | 4,031.8 | 11.4:1 | 94.0 | 1,876.9 | 20.0:1 | 23.7 | 5.2 | 737.9 | 16,450.0 | 13.1 | 12.8 | 11.7 | 14.6 | 19.1 |
| 1Q22 | 100.00% | 360.0 | 4,031.8 | 11.2:1 | 100.5 | 1,876.9 | 18.7:1 | 26.6 | 5.2 | 1,010.1 | 16,450.0 | 13.4 | 13.0 | 11.9 | 15.1 | 20.9 |
| Jan 2022 | n/a | 312.3 | 4,031.8 | 12.9:1 | 91.6 | 1,876.9 | 20.5:1 | 25.0 | 5.2 | 1,010.1 | 16,450.0 | 13.3 | 13.0 | 11.9 | 14.9 | 20.7 |
| Feb 2022 | n/a | 332.9 | 4,031.8 | 12.1:1 | 96.9 | 1,876.9 | 19.4:1 | 26.6 | 5.2 | 933.4 | 16,450.0 | 13.3 | 13.0 | 11.9 | 15.1 | 20.7 |
| Mar 2022 | n/a | 360.0 | 4,031.8 | 11.2:1 | 100.5 | 1,876.9 | 18.7:1 | 24.4 | 5.1 | 919.1 | 16,450.0 | 13.4 | 13.1 | 12.0 | 15.1 | 21.1 |
| 2Q22 | 100.00% | 408.3 | 4,600.7 | 11.3:1 | 108.0 | 1,876.9 | 17.4:1 | 32.0 | 5.5 | 997.6 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.4 | 19.7 |
| Apr 2022 | n/a | 370.7 | 4,031.8 | 10.9:1 | 106.5 | 1,876.9 | 17.6:1 | 32.0 | 5.4 | 860.8 | 16,450.0 | 13.5 | 13.2 | 12.1 | 15.2 | 19.6 |
| May 2022 | n/a | 404.4 | 4,031.8 | 10.0:1 | 105.6 | 1,876.9 | 17.8:1 | 30.5 | 5.3 | 997.6 | 16,450.0 | 13.6 | 13.2 | 12.1 | 15.4 | 19.9 |
| Jun 2022 | n/a | 408.3 | 4,600.7 | 11.3:1 | 108.0 | 1,876.9 | 17.4:1 | 28.6 | 5.5 | 838.7 | 20,423.5 | 13.5 | 13.2 | 12.1 | 15.2 | 19.7 |
| 3Q22 | 100.00% | 402.3 | 4,600.7 | 11.4:1 | 109.8 | 1,876.9 | 17.1:1 | 31.1 | 5.7 | 829.5 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.4 | 19.9 |
| Jul 2022 | n/a | 372.2 | 4,600.7 | 12.4:1 | 102.4 | 1,876.9 | 18.3:1 | 29.7 | 5.2 | 751.0 | 20,423.5 | 13.5 | 13.2 | 12.1 | 15.2 | 19.5 |
| Aug 2022 | n/a | 384.9 | 4,600.7 | 12.0:1 | 109.5 | 1,876.9 | 17.1:1 | 30.6 | 5.4 | 700.7 | 20,423.5 | 13.5 | 13.2 | 12.1 | 15.2 | 19.7 |
| Sep 2022 | n/a | 402.3 | 4,600.7 | 11.4:1 | 109.8 | 1,876.9 | 17.1:1 | 31.1 | 5.7 | 829.5 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.5 | 20.5 |
| 4Q22 | 100.00% | 440.5 | 4,600.7 | 10.4:1 | 121.4 | 1,876.9 | 15.5:1 | 31.4 | 5.6 | 942.6 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.4 | 20.1 |
| Oct 2022 | n/a | 376.0 | 4,600.7 | 12.2:1 | 114.2 | 1,876.9 | 16.4:1 | 28.7 | 5.5 | 942.6 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.5 | 20.3 |
| Nov 2022 | n/a | 440.5 | 4,600.7 | 10.4:1 | 115.9 | 1,876.9 | 16.2:1 | 30.1 | 5.6 | 754.4 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.4 | 20.1 |
| Dec 2022 | n/a | 401.4 | 4,600.7 | 11.5:1 | 121.4 | 1,876.9 | 15.5:1 | 31.4 | 5.5 | 725.5 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.2 | 19.5 |
| 1Q23 | 100.00% | 452.2 | 4,600.7 | 10.2:1 | 120.8 | 1,876.9 | 15.5:1 | 27.7 | 5.2 | 945.8 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.3 | 20.1 |
| Jan 2023 | n/a | 400.2 | 4,600.7 | 11.5:1 | 111.7 | 1,876.9 | 16.8:1 | 27.7 | 5.2 | 623.5 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.2 | 19.7 |
| Feb 2023 | n/a | 448.5 | 4,600.7 | 10.3:1 | 115.2 | 1,876.9 | 16.3:1 | 27.7 | 5.1 | 697.4 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.4 | 20.3 |
| Mar 2023 | n/a | 452.2 | 4,600.7 | 10.2:1 | 120.8 | 1,876.9 | 15.5:1 | 25.2 | 5.0 | 945.8 | 20,423.5 | 13.6 | 13.2 | 12.1 | 15.4 | 20.1 |
| 2Q23 | 100.00% | 441.2 | 4,600.7 | 10.4:1 | 121.7 | 2,483.8 | 20.4:1 | 31.3 | 5.2 | 579.9 | 20,823.1 | 13.6 | 13.1 | 12.1 | 15.1 | 19.7 |
| Apr 2023 | n/a | 350.8 | 4,600.7 | 13.1:1 | 121.7 | 1,876.9 | 15.4:1 | 31.3 | 5.2 | 504.8 | 20,423.5 | 13.4 | 13.1 | 12.0 | 15.1 | 19.7 |
| May 2023 | n/a | 441.2 | 4,600.7 | 10.4:1 | 116.9 | 1,876.9 | 16.1:1 | 29.5 | 4.7 | 579.9 | 20,423.5 | 13.4 | 13.1 | 12.1 | 15.1 | 19.5 |
| Jun 2023 | n/a | 373.1 | 4,600.7 | 12.3:1 | 116.3 | 2,483.8 | 21.4:1 | 30.4 | 4.8 | 573.8 | 20,823.1 | 13.9 | 13.1 | 12.1 | 15.1 | 19.7 |
| 3Q23 | 100.00% | 410.2 | 4,600.7 | 11.2:1 | 124.4 | 2,483.8 | 20.0:1 | 33.8 | 6.0 | 634.4 | 20,823.1 | 15.4 | 13.1 | 12.1 | 14.9 | 19.3 |
| Jul 2023 | n/a | 337.0 | 4,600.7 | 13.7:1 | 124.4 | 2,483.8 | 20.0:1 | 33.8 | 5.3 | 558.7 | 20,823.1 | 15.4 | 13.1 | 12.1 | 14.9 | 19.2 |
| Aug 2023 | n/a | 370.2 | 4,600.7 | 12.4:1 | 122.4 | 2,483.8 | 20.3:1 | 31.6 | 6.0 | 634.4 | 20,823.1 | 15.5 | 13.1 | 12.1 | 15.1 | 19.3 |
| Sep 2023 | n/a | 410.2 | 4,600.7 | 11.2:1 | 119.8 | 2,483.8 | 20.7:1 | 33.3 | 4.8 | 566.2 | 20,823.1 | 15.2 | 13.1 | 12.1 | 15.0 | 19.3 |
| 4Q23 | 100.00% | 449.4 | 4,600.7 | 10.2:1 | 133.2 | 2,483.8 | 18.6:1 | 36.1 | 4.7 | 760.4 | 20,823.1 | 14.4 | 13.0 | 12.0 | 14.8 | 19.3 |
| Oct 2023 | n/a | 391.3 | 4,600.7 | 11.8:1 | 116.8 | 2,483.8 | 21.3:1 | 35.4 | 4.7 | 760.4 | 20,823.1 | 14.9 | 13.2 | 12.1 | 15.2 | 19.7 |
| Nov 2023 | n/a | 391.1 | 4,600.7 | 11.8:1 | 133.2 | 2,483.8 | 18.6:1 | 33.9 | 4.4 | 628.3 | 20,823.1 | 14.1 | 13.0 | 11.9 | 14.8 | 18.9 |
| Dec 2023 | n/a | 449.4 | 4,600.7 | 10.2:1 | 130.3 | 2,483.8 | 19.1:1 | 36.1 | 4.3 | 742.2 | 20,823.1 | 14.0 | 12.8 | 11.9 | 14.7 | 19.0 |
| 1Q24 | 100.00% | 403.6 | 4,600.7 | 11.4:1 | 127.3 | 2,483.8 | 19.5:1 | 40.9 | 4.8 | 735.4 | 20,823.1 | 13.6 | 12.8 | 11.9 | 14.6 | 18.8 |
| Jan 2024 | n/a | 399.8 | 4,600.7 | 11.5:1 | 123.1 | 2,483.8 | 20.2:1 | 35.8 | 4.5 | 735.4 | 20,823.1 | 13.7 | 13.0 | 11.9 | 14.8 | 18.9 |
| Feb 2024 | n/a | 403.6 | 4,600.7 | 11.4:1 | 119.7 | 2,483.8 | 20.7:1 | 40.9 | 4.8 | 682.9 | 20,823.1 | 13.6 | 12.8 | 11.9 | 14.6 | 18.9 |
| Mar 2024 | n/a | 373.6 | 4,600.7 | 12.3:1 | 127.3 | 2,483.8 | 19.5:1 | 31.9 | 4.7 | 697.4 | 20,823.1 | 13.5 | 12.8 | 11.7 | 14.6 | 18.4 |
| 2Q24 | 100.00% | 444.0 | 4,600.7 | 10.4:1 | 117.3 | 2,483.8 | 21.2:1 | 30.8 | 4.7 | 624.2 | 20,823.1 | 14.6 | 12.8 | 11.9 | 14.6 | 18.0 |
| Apr 2024 | n/a | 376.7 | 4,600.7 | 12.2:1 | 117.3 | 2,483.8 | 21.2:1 | 28.3 | 4.7 | 624.2 | 20,823.1 | 14.4 | 12.8 | 11.9 | 14.8 | 18.8 |
| May 2024 | n/a | 331.2 | 4,600.7 | 13.9:1 | 109.2 | 2,483.8 | 22.7:1 | 30.8 | 4.3 | 596.7 | 20,823.1 | 15.0 | 12.8 | 11.9 | 14.6 | 17.9 |
| Jun 2024 | n/a | 444.0 | 4,600.7 | 10.4:1 | 106.1 | 2,483.8 | 23.4:1 | 28.3 | 4.1 | 501.6 | 20,823.1 | 14.3 | 12.8 | 11.7 | 14.6 | 18.0 |
| 3Q24 | 100.00% | 470.2 | 4,600.7 | 9.8:1 | 109.9 | 2,483.8 | 22.6:1 | 31.0 | 4.7 | 829.9 | 18,373.0 | 14.1 | 12.8 | 11.7 | 14.6 | 18.0 |
| Jul 2024 | n/a | 414.9 | 4,600.7 | 11.1:1 | 104.2 | 2,483.8 | 23.8:1 | 27.1 | 4.6 | 657.5 | 20,823.1 | 14.0 | 12.8 | 11.7 | 14.6 | 18.0 |
| Aug 2024 | n/a | 347.5 | 4,600.7 | 13.2:1 | 106.5 | 2,483.8 | 23.3:1 | 27.3 | 4.7 | 829.9 | 18,373.0 | 13.6 | 12.8 | 11.7 | 14.6 | 18.0 |
| Sep 2024 | n/a | 470.2 | 4,600.7 | 9.8:1 | 109.9 | 2,483.8 | 22.6:1 | 31.0 | 4.6 | 671.0 | 18,373.0 | 14.8 | 12.8 | 11.7 | 14.6 | 18.0 |
| 4Q24 | 100.00% | 424.7 | 4,600.7 | 10.8:1 | 115.7 | 2,483.8 | 21.5:1 | 29.4 | 4.7 | 743.9 | 18,373.0 | 13.3 | 12.7 | 11.7 | 14.3 | 17.5 |
| Oct 2024 | n/a | 414.6 | 4,600.7 | 11.1:1 | 115.7 | 2,483.8 | 21.5:1 | 28.3 | 3.9 | 679.6 | 18,373.0 | 13.4 | 12.8 | 11.7 | 14.5 | 17.5 |
| Nov 2024 | n/a | 366.2 | 4,600.7 | 12.6:1 | 105.8 | 2,483.8 | 23.5:1 | 26.9 | 4.7 | 743.9 | 18,373.0 | 12.9 | 12.6 | 11.7 | 14.4 | 17.5 |
| Dec 2024 | n/a | 424.7 | 4,600.7 | 10.8:1 | 104.4 | 2,483.8 | 23.8:1 | 29.4 | 4.3 | 667.6 | 18,373.0 | 13.5 | 12.5 | 11.5 | 14.2 | 17.1 |

(1) Beginning Q1 2016 measurement of System Availability is reflective of the entire environment and no longer by data service, on a quarterly basis in accordance with the SLA with the UTP committee.

(2) Beginning Q1 2014, capacity planning interval changed from 1-second to 100-milliseconds.

(3) Beginning Q1 2016, 10th and 99th percentile latency measurements have been included.

UTP Q4 2024 - December Tape C Trade Metrics

| Quarter | System Availability (1) | Peak Messages Per Second (thousands) | Capacity Messages Per Second (thousands) | Capacity vs Peak Ratio | Peak Messages Per 100 | Capacity Messages Per 100 | Capacity vs Peak Ratio | Peak Messages Per 10 | Peak Messages Per 1 Millisecond (thousands) | Peak Transactions Per Day (millions) | Capacity Transactions Per Day (millions) | Average Latency (µs) | Median Latency (µs) | 10th Percentile Latency (µs) | 90th Percentile Latency (µs) | 99th Percentile Latency (µs) |
|----------|-------------------------|--------------------------------------|--|------------------------|------------------------------|---------------------------|------------------------|--------------------------|---|--------------------------------------|--|----------------------|---------------------|------------------------------|------------------------------|------------------------------|
| | | | | | Milliseconds (thousands) (2) | Milliseconds (thousands) | | Milliseconds (thousands) | Milliseconds (thousands) | | | | | | | |
| 1Q18 | 100.00% | 76.5 | 2,741.2 | 35.8:1 | 17.2 | 300.0 | 17.4:1 | n/a | n/a | 22.3 | 3,691.9 | 17.5 | 17.5 | 16.3 | 18.9 | 21.1 |
| 2Q18 | 100.00% | 98.1 | 2,741.2 | 28.0:1 | 18.5 | 300.0 | 16.3:1 | n/a | n/a | 17.2 | 3,691.9 | 17.4 | 17.4 | 16.3 | 18.8 | 20.9 |
| 3Q18 | 100.00% | 94.5 | 2,741.2 | 29.0:1 | 22.3 | 300.0 | 13.5:1 | n/a | n/a | 16.5 | 3,691.9 | 17.5 | 17.3 | 16.3 | 18.8 | 20.7 |
| 4Q18 | 100.00% | 68.5 | 3,143.7 | 45.9:1 | 18.5 | 300.0 | 16.2:1 | n/a | n/a | 22.1 | 4,200.0 | 17.5 | 17.3 | 16.3 | 18.8 | 20.7 |
| 1Q19 | 100.00% | 89.8 | 3,143.7 | 35.0:1 | 17.8 | 300.0 | 16.8:1 | 7.3 | 3.3 | 17.7 | 4,200.0 | 17.5 | 17.3 | 16.3 | 18.8 | 20.7 |
| 2Q19 | 100.00% | 99.4 | 3,143.7 | 31.6:1 | 28.1 | 300.0 | 10.7:1 | 7.8 | 3.4 | 19.6 | 4,200.0 | 17.5 | 17.3 | 16.3 | 18.9 | 21.1 |
| 3Q19 | 100.00% | 84.5 | 3,143.7 | 37.2:1 | 33.1 | 300.0 | 9.1:1 | 8.2 | 3.3 | 20.7 | 4,200.0 | 17.5 | 17.3 | 16.2 | 18.9 | 21.3 |
| 4Q19 | 100.00% | 95.4 | 3,143.7 | 33.0:1 | 35.8 | 350.8 | 9.8:1 | 8.1 | 3.3 | 18.4 | 4,200.0 | 17.5 | 17.3 | 16.3 | 18.9 | 21.3 |
| 1Q20 | 100.00% | 56.0 | 3,143.7 | 56.1:1 | 31.6 | 350.8 | 11.1:1 | 8.4 | 3.4 | 36.7 | 4,200.0 | 17.6 | 17.3 | 16.3 | 19.1 | 23.1 |
| 2Q20 | 100.00% | 84.4 | 3,143.7 | 37.2:1 | 32.2 | 350.8 | 10.9:1 | 9.5 | 3.5 | 33.3 | 4,200.0 | 15.8 | 15.2 | 14.1 | 16.6 | 20.7 |
| 3Q20 | 100.00% | 101.1 | 3,560.0 | 35.2:1 | 28.0 | 1,330.0 | 47.5:1 | 8.0 | 3.6 | 35.5 | 11,058.8 | 14.9 | 14.2 | 12.8 | 15.7 | 22.0 |
| 4Q20 | 100.00% | 95.2 | 3,560.0 | 37.4:1 | 28.0 | 1,330.0 | 47.4:1 | 9.9 | 3.9 | 38.8 | 11,058.8 | 15.0 | 13.9 | 12.7 | 15.5 | 23.6 |
| 1Q21 | 100.00% | 442.6 | 3,560.0 | 8.0:1 | 47.1 | 1,330.0 | 28.3:1 | 8.5 | 4.2 | 54.3 | 11,058.8 | 24.4 | 13.9 | 12.7 | 15.5 | 24.5 |
| 2Q21 | 100.00% | 144.6 | 3,560.0 | 24.6:1 | 26.2 | 1,330.0 | 50.8:1 | 7.2 | 4.7 | 39.6 | 11,058.8 | 14.8 | 14.1 | 12.8 | 15.5 | 22.7 |
| 3Q21 | 100.00% | 136.5 | 3,955.8 | 29.0:1 | 29.4 | 1,329.0 | 45.3:1 | 9.3 | 4.9 | 37.9 | 12,300.0 | 14.7 | 14.1 | 12.8 | 15.7 | 23.1 |
| 4Q21 | 100.00% | 156.4 | 3,955.8 | 25.3:1 | 26.7 | 1,329.0 | 49.8:1 | 13.5 | 5.1 | 47.2 | 12,300.0 | 18.6 | 14.1 | 12.7 | 15.5 | 23.6 |
| 1Q22 | 100.00% | 148.8 | 3,955.8 | 26.6:1 | 36.4 | 1,329.0 | 36.5:1 | 12.3 | 5.3 | 60.5 | 12,300.0 | 14.6 | 13.9 | 12.7 | 15.5 | 23.3 |
| Jan 2022 | n/a | 85.5 | 3,955.8 | 46.3:1 | 24.2 | 1,329.0 | 55.0:1 | 12.3 | 5.0 | 60.5 | 12,300.0 | 14.8 | 13.9 | 12.7 | 15.5 | 24.0 |
| Feb 2022 | n/a | 99.3 | 3,955.8 | 39.8:1 | 30.3 | 1,329.0 | 43.9:1 | 8.0 | 5.2 | 53.0 | 12,300.0 | 14.6 | 13.9 | 12.7 | 15.5 | 22.7 |
| Mar 2022 | n/a | 148.8 | 3,955.8 | 26.6:1 | 36.4 | 1,329.0 | 36.5:1 | 8.1 | 5.3 | 49.7 | 12,300.0 | 14.5 | 14.1 | 12.8 | 15.7 | 23.3 |
| 2Q22 | 100.00% | 163.1 | 4,339.3 | 26.6:1 | 34.5 | 1,540.0 | 44.6:1 | 9.5 | 5.3 | 52.2 | 10,003.7 | 14.9 | 14.2 | 13.0 | 16.0 | 22.7 |
| Apr 2022 | n/a | 83.3 | 3,955.8 | 47.5:1 | 25.6 | 1,329.0 | 52.0:1 | 9.5 | 5.2 | 42.1 | 12,300.0 | 14.9 | 14.2 | 13.0 | 16.0 | 22.8 |
| May 2022 | n/a | 136.3 | 3,955.8 | 29.0:1 | 31.3 | 1,329.0 | 42.5:1 | 9.2 | 5.1 | 52.2 | 12,300.0 | 15.0 | 14.2 | 13.0 | 15.8 | 22.4 |
| Jun 2022 | n/a | 163.1 | 4,339.3 | 26.6:1 | 34.5 | 1,540.0 | 44.6:1 | 8.5 | 5.3 | 46.6 | 10,003.7 | 14.8 | 14.2 | 13.0 | 16.0 | 22.9 |
| 3Q22 | 100.00% | 139.6 | 4,339.3 | 31.1:1 | 39.7 | 1,540.0 | 38.8:1 | 9.7 | 5.5 | 40.8 | 10,003.7 | 14.8 | 14.2 | 13.1 | 15.8 | 22.0 |
| Jul 2022 | n/a | 82.0 | 4,339.3 | 52.9:1 | 31.5 | 1,540.0 | 48.8:1 | 9.1 | 5.0 | 37.2 | 10,003.7 | 14.7 | 14.2 | 13.1 | 15.8 | 22.0 |
| Aug 2022 | n/a | 82.5 | 4,339.3 | 52.6:1 | 29.6 | 1,540.0 | 52.0:1 | 8.1 | 5.4 | 38.9 | 10,003.7 | 14.8 | 14.2 | 13.1 | 15.8 | 22.0 |
| Sep 2022 | n/a | 139.6 | 4,339.3 | 31.1:1 | 39.7 | 1,540.0 | 38.8:1 | 9.7 | 5.5 | 40.8 | 10,003.7 | 14.9 | 14.2 | 13.0 | 15.8 | 22.0 |
| 4Q22 | 100.00% | 161.9 | 4,339.3 | 26.8:1 | 41.7 | 1,540.0 | 37.0:1 | 11.8 | 5.4 | 47.0 | 10,003.7 | 15.2 | 14.2 | 13.1 | 16.0 | 22.4 |
| Oct 2022 | n/a | 75.9 | 4,339.3 | 57.2:1 | 27.3 | 1,540.0 | 56.3:1 | 9.4 | 5.2 | 40.4 | 10,003.7 | 15.0 | 14.2 | 13.1 | 16.0 | 22.4 |
| Nov 2022 | n/a | 118.8 | 4,339.3 | 36.5:1 | 25.7 | 1,540.0 | 60.0:1 | 8.3 | 5.4 | 47.0 | 10,003.7 | 15.3 | 14.3 | 13.1 | 16.0 | 23.6 |
| Dec 2022 | n/a | 161.9 | 4,339.3 | 26.8:1 | 41.7 | 1,540.0 | 37.0:1 | 11.8 | 5.4 | 42.5 | 10,003.7 | 15.2 | 14.2 | 13.1 | 15.8 | 21.3 |
| 1Q23 | 100.00% | 133.2 | 4,339.3 | 32.6:1 | 37.1 | 1,540.0 | 41.5:1 | 10.3 | 5.1 | 47.4 | 10,003.7 | 14.7 | 14.2 | 13.1 | 15.8 | 21.4 |
| Jan 2023 | n/a | 85.5 | 4,339.3 | 50.7:1 | 32.5 | 1,540.0 | 47.3:1 | 8.5 | 5.1 | 36.7 | 10,003.7 | 14.6 | 14.2 | 13.1 | 15.8 | 21.3 |
| Feb 2023 | n/a | 83.2 | 4,339.3 | 52.1:1 | 34.2 | 1,540.0 | 45.0:1 | 8.6 | 4.9 | 47.4 | 10,003.7 | 14.7 | 14.2 | 13.1 | 15.8 | 21.3 |
| Mar 2023 | n/a | 133.2 | 4,339.3 | 32.6:1 | 37.1 | 1,540.0 | 41.5:1 | 10.3 | 4.9 | 46.7 | 10,003.7 | 14.6 | 14.2 | 13.1 | 15.8 | 21.8 |
| 2Q23 | 100.00% | 137.5 | 4,339.3 | 31.6:1 | 40.0 | 2,765.0 | 69.2:1 | 11.6 | 5.0 | 40.7 | 11,047.8 | 14.9 | 14.3 | 13.1 | 16.0 | 23.8 |
| Apr 2023 | n/a | 73.5 | 4,339.3 | 59.1:1 | 32.5 | 1,540.0 | 47.5:1 | 9.9 | 5.0 | 36.0 | 10,003.7 | 14.9 | 14.3 | 13.1 | 16.0 | 23.3 |
| May 2023 | n/a | 127.4 | 4,339.3 | 34.1:1 | 39.4 | 1,540.0 | 39.1:1 | 11.5 | 4.4 | 38.6 | 10,003.7 | 14.8 | 14.3 | 13.1 | 16.0 | 23.7 |
| Jun 2023 | n/a | 137.5 | 4,339.3 | 31.6:1 | 40.0 | 2,765.0 | 69.2:1 | 11.6 | 4.7 | 40.7 | 11,047.8 | 14.8 | 14.2 | 13.1 | 16.2 | 24.3 |
| 3Q23 | 100.00% | 128.8 | 4,339.3 | 33.7:1 | 46.7 | 2,765.0 | 59.2:1 | 11.9 | 5.1 | 40.2 | 11,047.8 | 14.8 | 14.2 | 13.1 | 16.0 | 24.0 |
| Jul 2023 | n/a | 80.8 | 4,339.3 | 53.7:1 | 33.0 | 2,765.0 | 83.8:1 | 11.0 | 5.1 | 39.3 | 11,047.8 | 14.8 | 14.2 | 13.1 | 16.0 | 23.9 |
| Aug 2023 | n/a | 77.4 | 4,339.3 | 56.0:1 | 37.4 | 2,765.0 | 73.9:1 | 10.2 | 4.5 | 40.2 | 11,047.8 | 14.8 | 14.2 | 13.1 | 16.0 | 23.8 |
| Sep 2023 | n/a | 128.8 | 4,339.3 | 33.7:1 | 46.7 | 2,765.0 | 59.2:1 | 11.9 | 4.6 | 37.7 | 11,047.8 | 14.9 | 14.2 | 13.1 | 16.2 | 24.3 |
| 4Q23 | 100.00% | 130.2 | 4,339.3 | 33.3:1 | 50.2 | 2,765.0 | 55.1:1 | 10.8 | 4.2 | 49.3 | 11,047.8 | 14.7 | 14.2 | 13.0 | 16.0 | 23.3 |
| Oct 2023 | n/a | 65.5 | 4,339.3 | 66.2:1 | 33.2 | 2,765.0 | 83.2:1 | 10.6 | 3.2 | 38.1 | 11,047.8 | 14.8 | 14.2 | 13.1 | 16.0 | 23.3 |
| Nov 2023 | n/a | 106.5 | 4,339.3 | 40.7:1 | 42.4 | 2,765.0 | 65.2:1 | 10.8 | 4.2 | 39.4 | 11,047.8 | 14.6 | 14.1 | 13.0 | 16.0 | 23.1 |
| Dec 2023 | n/a | 130.2 | 4,339.3 | 33.3:1 | 50.2 | 2,765.0 | 55.1:1 | 10.4 | 3.9 | 49.3 | 11,047.8 | 14.7 | 14.1 | 13.0 | 16.1 | 23.3 |
| 1Q24 | 100.00% | 119.5 | 4,339.3 | 36.3:1 | 44.5 | 2,765.0 | 62.2:1 | 11.3 | 4.2 | 45.5 | 11,047.8 | 15.0 | 14.1 | 13.0 | 16.2 | 24.5 |
| Jan 2024 | n/a | 70.0 | 4,339.3 | 62.0:1 | 33.5 | 2,765.0 | 82.6:1 | 10.6 | 4.1 | 40.8 | 11,047.8 | 14.9 | 14.1 | 13.0 | 16.0 | 23.6 |
| Feb 2024 | n/a | 89.7 | 4,339.3 | 48.4:1 | 42.6 | 2,765.0 | 64.9:1 | 11.3 | 4.2 | 45.5 | 11,047.8 | 14.9 | 14.1 | 13.0 | 16.0 | 24.5 |
| Mar 2024 | n/a | 119.5 | 4,339.3 | 36.3:1 | 44.5 | 2,765.0 | 62.2:1 | 11.0 | 3.2 | 45.5 | 11,047.8 | 15.2 | 14.1 | 13.0 | 16.2 | 25.4 |
| 2Q24 | 100.00% | 161.6 | 4,339.3 | 26.9:1 | 49.4 | 2,765.0 | 55.9:1 | 12.3 | 3.9 | 43.7 | 11,047.8 | 15.2 | 14.2 | 13.0 | 16.0 | 24.5 |
| Apr 2024 | n/a | 71.6 | 4,339.3 | 60.6:1 | 34.7 | 2,765.0 | 79.6:1 | 8.2 | 2.9 | 40.5 | 11,047.8 | 15.1 | 14.2 | 13.0 | 16.1 | 24.7 |
| May 2024 | n/a | 89.2 | 4,339.3 | 48.6:1 | 38.0 | 2,765.0 | 72.8:1 | 8.2 | 3.9 | 42.8 | 11,047.8 | 14.8 | 14.2 | 13.1 | 16.1 | 24.5 |
| Jun 2024 | n/a | 161.6 | 4,339.3 | 26.9:1 | 49.4 | 2,765.0 | 55.9:1 | 12.3 | 3.5 | 43.7 | 11,047.8 | 15.8 | 14.2 | 13.0 | 16.0 | 24.8 |
| 3Q24 | 100.00% | 131.2 | 4,339.3 | 33.1:1 | 39.0 | 2,765.0 | 70.9:1 | 10.0 | 4.2 | 56.7 | 10,486.0 | 15.4 | 14.1 | 13.0 | 15.7 | 23.6 |
| Jul 2024 | n/a | 70.2 | 4,339.3 | 61.9:1 | 30.8 | 2,765.0 | 89.9:1 | 10.0 | 2.6 | 47.9 | 11,047.8 | 16.1 | 14.1 | 13.0 | 15.7 | 24.8 |
| Aug 2024 | n/a | 73.5 | 4,339.3 | 59.0:1 | 31.8 | 2,765.0 | 86.9:1 | 9.4 | 4.2 | 56.7 | 10,486.0 | 14.9 | 14.1 | 13.0 | 15.7 | 23.5 |
| Sep 2024 | n/a | 131.2 | 4,339.3 | 33.1:1 | 39.0 | 2,765.0 | 70.9:1 | 9.8 | 3.7 | 44.9 | 10,486.0 | 15.1 | 14.1 | 13.0 | 15.7 | 22.9 |
| 4Q24 | 100.00% | 126.0 | 4,339.3 | 34.5:1 | 39.0 | 2,765.0 | 70.9:1 | 10.9 | 4.1 | 61.2 | 10,486.0 | 14.9 | 14.0 | 12.8 | 15.5 | 23.7 |
| Oct 2024 | n/a | 77.4 | 4,339.3 | 56.0:1 | 32.8 | 2,765.0 | 84.3:1 | 8.6 | 2.6 | 46.8 | 10,486.0 | 15.1 | 14.1 | 13.0 | 15.7 | 23.3 |
| Nov 2024 | n/a | 82.1 | 4,339.3 | 52.9:1 | 34.6 | 2,765.0 | 79.9:1 | 9.9 | 3.5 | 60.8 | 10,486.0 | 14.9 | 13.9 | 12.8 | 15.5 | 23.0 |
| Dec 2024 | n/a | 126.0 | 4,339.3 | 34.5:1 | 39.0 | 2,765.0 | 70.9:1 | 10.9 | 4.1 | 61.2 | 10,486.0 | 14.8 | 13.8 | 12.7 | 15.5 | 25.3 |

(1) Beginning Q1 2016 measurement of System Availability is reflective of the entire environment and no longer by data service, on a quarterly basis in accordance with the SLA with the UTP committee.

(2) Beginning Q1 2014, capacity planning interval changed from 1-second to 100-milliseconds.

(3) Beginning Q1 2016, 10th and 99th percentile latency measurements have been included.