

| AVERAGE of tps | | | | branch clients | | | patched-0001 | | | patched-0002 | | | patched-0003 | | | patched-0001 | | | patched-0002 | | | patched-0003 | | | |
|----------------|----------|----------|--------|----------------|--------|---------|--------------|--------|---------|--------------|--------|---------|--------------|--------|---------|--------------|------|------|--------------|------|------|--------------|------|------|------|
| pinning | mode | sb | pct | master | | | 1 | | | 16 | | | 64 | | | 1 | | | 16 | | | 64 | | | |
| | | | | 1 | 16 | 64 | 1 | 16 | 64 | 1 | 16 | 64 | 1 | 16 | 64 | 1 | 16 | 64 | 1 | 16 | 64 | 1 | 16 | 64 | |
| colocated | prepared | 8 | 50 | 17751 | 345505 | 1088978 | 17681 | 331303 | 1073056 | 17323 | 335793 | 1086088 | 17774 | 336318 | 1091958 | 100% | 96% | 99% | 98% | 97% | 100% | 100% | 97% | 100% | |
| | | | 90 | 17432 | 335651 | 1095330 | 17577 | 336179 | 1086419 | 16735 | 347182 | 1097737 | 18188 | 335539 | 1089050 | 101% | 100% | 99% | 96% | 103% | 100% | 100% | 104% | 100% | 99% |
| | | | 110 | 17085 | 337244 | 1090435 | 18498 | 339553 | 1106961 | 16689 | 336917 | 1093625 | 17792 | 339044 | 1104956 | 108% | 101% | 102% | 98% | 100% | 100% | 104% | 101% | 101% | |
| | | 32 | 50 | 16993 | 328809 | 1060176 | 16808 | 329147 | 1062789 | 16899 | 332654 | 1043490 | 16473 | 333055 | 1046572 | 99% | 100% | 100% | 99% | 101% | 98% | 97% | 101% | 99% | |
| | | | 90 | 17615 | 333832 | 1092853 | 17060 | 334296 | 1066253 | 16780 | 340627 | 1081396 | 17451 | 335854 | 1089795 | 97% | 100% | 98% | 95% | 102% | 99% | 99% | 101% | 100% | |
| | | | 110 | 17878 | 340167 | 1095843 | 17739 | 332865 | 1096561 | 17076 | 339445 | 1089344 | 17735 | 332756 | 1087819 | 99% | 98% | 100% | 96% | 100% | 99% | 99% | 98% | 99% | |
| | simple | 8 | 50 | 11607 | 198946 | 683710 | 11048 | 192647 | 678477 | 11955 | 198465 | 684255 | 11842 | 196994 | 675424 | 95% | 97% | 99% | 103% | 100% | 100% | 102% | 99% | 99% | |
| | | | 90 | 11593 | 196600 | 687261 | 11625 | 193080 | 681170 | 11511 | 199014 | 685980 | 11581 | 200130 | 682375 | 100% | 98% | 99% | 99% | 101% | 100% | 100% | 102% | 99% | |
| | | | 110 | 11550 | 196732 | 689442 | 11514 | 194730 | 684850 | 11168 | 200968 | 681442 | 11557 | 195978 | 686091 | 100% | 99% | 99% | 97% | 102% | 99% | 100% | 100% | 100% | |
| | | 32 | 50 | 11361 | 191655 | 671018 | 11027 | 192945 | 664032 | 11209 | 190969 | 665670 | 10720 | 195390 | 673787 | 97% | 101% | 99% | 99% | 100% | 99% | 94% | 102% | 100% | |
| | | | 90 | 11712 | 192562 | 689316 | 10964 | 198390 | 666774 | 11482 | 198876 | 674810 | 11702 | 194073 | 679125 | 94% | 103% | 97% | 98% | 103% | 98% | 100% | 101% | 99% | |
| | 110 | 11568 | 196739 | 689108 | 11349 | 196296 | 677916 | 11198 | 197623 | 675152 | 11581 | 197249 | 684731 | 98% | 100% | 98% | 97% | 100% | 98% | 100% | 100% | 99% | | | |
| | none | prepared | 8 | 50 | 16539 | 252637 | 565974 | 16737 | 250919 | 561030 | 16755 | 252610 | 564539 | 17363 | 255827 | 566610 | 101% | 99% | 99% | 101% | 100% | 100% | 105% | 101% | 100% |
| | | | | 90 | 16963 | 254299 | 566878 | 16629 | 250396 | 566612 | 17008 | 251734 | 567745 | 17399 | 258859 | 570086 | 98% | 98% | 100% | 100% | 99% | 100% | 103% | 102% | 101% |
| 110 | | | | 17007 | 259394 | 572706 | 16835 | 251989 | 565959 | 17757 | 255038 | 569336 | 17173 | 255917 | 567723 | 99% | 97% | 99% | 104% | 98% | 99% | 101% | 99% | 99% | |
| 32 | | | 50 | 16588 | 249048 | 549278 | 17072 | 248470 | 545955 | 16472 | 246285 | 548597 | 16880 | 249461 | 545971 | 103% | 100% | 99% | 99% | 99% | 100% | 102% | 100% | 99% | |
| | | | 90 | 17384 | 253019 | 559884 | 17088 | 254067 | 555093 | 17759 | 253624 | 558426 | 16637 | 252509 | 559298 | 98% | 100% | 99% | 102% | 100% | 100% | 96% | 100% | 100% | |
| | | | 110 | 16897 | 253989 | 561861 | 16327 | 252584 | 560019 | 16489 | 250172 | 559663 | 16988 | 253722 | 562522 | 97% | 99% | 100% | 98% | 98% | 100% | 101% | 100% | 100% | |
| simple | | 8 | 50 | 11061 | 168929 | 438323 | 10982 | 168851 | 432425 | 11101 | 168988 | 435156 | 11024 | 169202 | 435129 | 99% | 100% | 99% | 100% | 100% | 99% | 100% | 100% | 99% | |
| | | | 90 | 10935 | 169057 | 438322 | 10833 | 168115 | 435059 | 11185 | 168997 | 436860 | 11078 | 168408 | 437259 | 99% | 99% | 99% | 102% | 100% | 100% | 101% | 100% | 100% | |
| | | | 110 | 10885 | 169846 | 440579 | 11409 | 169360 | 436695 | 11267 | 171030 | 437722 | 11081 | 169268 | 437386 | 105% | 100% | 99% | 104% | 101% | 99% | 102% | 100% | 99% | |
| | | 32 | 50 | 11097 | 168665 | 431009 | 11042 | 166019 | 425706 | 11086 | 166932 | 426869 | 10976 | 166442 | 426519 | 100% | 98% | 99% | 100% | 99% | 99% | 99% | 98% | 99% | |
| | | | 90 | 11133 | 171729 | 436904 | 10956 | 169685 | 429900 | 10960 | 168378 | 430691 | 10991 | 168251 | 431357 | 98% | 99% | 98% | 98% | 98% | 99% | 99% | 98% | 99% | |
| 110 | | 11244 | 170156 | 435870 | 11196 | 168512 | 431200 | 11195 | 168017 | 433620 | 11193 | 168971 | 431883 | 100% | 99% | 99% | 100% | 99% | 99% | 100% | 99% | | | | |
| random | | prepared | 8 | 50 | 18849 | 221542 | 618528 | 16980 | 221858 | 615337 | 16820 | 222485 | 617006 | 16964 | 220518 | 617219 | 101% | 100% | 99% | 100% | 100% | 100% | 101% | 100% | 100% |
| | | | | 90 | 18361 | 226388 | 619752 | 17526 | 224312 | 619987 | 17461 | 224136 | 619854 | 16725 | 220662 | 621222 | 95% | 99% | 100% | 95% | 99% | 100% | 91% | 97% | 100% |
| | 110 | | | 17231 | 223936 | 624651 | 17696 | 226872 | 617745 | 17605 | 221457 | 614938 | 17825 | 225910 | 618171 | 103% | 101% | 99% | 102% | 99% | 98% | 103% | 101% | 99% | |
| | 32 | | 50 | 16274 | 221416 | 602974 | 17115 | 217768 | 603067 | 16965 | 218401 | 598129 | 16176 | 220738 | 605650 | 105% | 98% | 100% | 104% | 99% | 99% | 99% | 100% | 100% | |
| | | | 90 | 17410 | 230210 | 612206 | 18188 | 223872 | 614440 | 17670 | 213771 | 609166 | 18533 | 224708 | 612188 | 104% | 97% | 100% | 101% | 93% | 100% | 106% | 98% | 100% | |
| | | | 110 | 17382 | 218654 | 614182 | 17417 | 224228 | 618338 | 18163 | 224036 | 614204 | 17138 | 223040 | 617397 | 100% | 103% | 101% | 104% | 102% | 100% | 99% | 102% | 101% | |
| | simple | 8 | 50 | 10947 | 150680 | 443920 | 11460 | 149586 | 438800 | 11485 | 151662 | 441745 | 11428 | 153268 | 444249 | 105% | 99% | 99% | 105% | 101% | 100% | 104% | 102% | 100% | |
| | | | 90 | 11525 | 153600 | 446196 | 11207 | 151429 | 440947 | 11373 | 150986 | 443301 | 11477 | 150434 | 443268 | 97% | 99% | 99% | 99% | 98% | 99% | 100% | 98% | 99% | |
| | | | 110 | 11426 | 154152 | 448644 | 11115 | 150912 | 446225 | 11488 | 148597 | 442024 | 11840 | 150158 | 447979 | 97% | 98% | 99% | 101% | 96% | 99% | 104% | 97% | 100% | |
| | | 32 | 50 | 11326 | 154580 | 440870 | 10944 | 148034 | 432233 | 11076 | 156051 | 437921 | 10980 | 152765 | 437107 | 97% | 96% | 98% | 98% | 101% | 99% | 97% | 99% | 99% | |
| | | | 90 | 11621 | 152860 | 441320 | 11209 | 154790 | 438010 | 11120 | 153316 | 439676 | 11474 | 153930 | 440399 | 96% | 101% | 99% | 96% | 100% | 100% | 99% | 101% | 100% | |
| | 110 | 11424 | 152696 | 447750 | 11231 | 148459 | 439775 | 11600 | 152311 | 441358 | 11473 | 150360 | 440863 | 98% | 97% | 98% | 102% | 100% | 99% | 100% | 98% | 98% | | | |