

MEDIAN of tps				branch		clients																					
scan	pining	query	dataset	master				v1				v2				v1				v2				v1			
					32	64	96		32	64	96		32	64	96		32	64	96		32	64	96		32	64	96
bs	colocated	match	aid-bid		751019	1312192	817685		789299	1326446	1367228		770358	1335713	1647677		105%	101%	167%		103%	102%	202%		101%	101%	167%
			aid-bid-10		722840	1292058	699953		727049	1298563	1613268		752250	1279743	1628428		101%	101%	230%		104%	99%	233%		101%	101%	230%
			aid-bid-100		636903	1077372	1346784		624879	1079340	1341667		620780	1069605	1344697		98%	100%	100%		97%	99%	100%		97%	99%	100%
			default		4858	8051	9108		5038	8148	9388		5330	8394	9531		104%	101%	103%		110%	104%	105%		104%	101%	103%
			random-10		675918	1192147	1493745		605726	1032328	1331262		655446	1096401	1438870		90%	87%	89%		97%	92%	96%		97%	92%	96%
			random-100		348949	551645	691875		300868	501401	621516		322308	520308	641270		86%	91%	90%		92%	94%	93%		92%	94%	93%
		nomatch	aid-bid		741662	1357969	600546		770164	1395373	628102		789715	1365350	1726218		104%	103%	105%		106%	101%	287%		101%	101%	287%
			aid-bid-10		766736	1342274	623151		755665	1346452	836560		776190	1362115	1723314		99%	100%	134%		101%	101%	277%		101%	101%	277%
			aid-bid-100		767812	1349027	596775		776269	1383511	611652		774365	1360848	1723846		101%	103%	102%		101%	101%	289%		101%	101%	289%
			default		740555	1348234	646161		740597	1327142	661316		776697	1330129	1707450		100%	98%	102%		105%	99%	264%		100%	100%	264%
			random-10		748429	1352064	609173		746063	1328264	964687		797439	1346795	1730461		100%	98%	158%		107%	100%	284%		100%	100%	284%
			random-100		784238	1340293	608101		767065	1359850	656980		766339	1365796	1739264		98%	101%	108%		98%	102%	286%		100%	100%	286%
	none	match	aid-bid		445272	682300	1219544		441434	683581	1408924		452572	680660	1605904		99%	100%	116%		102%	100%	132%		100%	100%	132%
			aid-bid-10		440093	670423	1098857		437713	673018	1564120		442737	678193	1586134		99%	100%	142%		101%	101%	144%		101%	101%	144%
			aid-bid-100		401566	605205	1311830		396252	597518	1312616		397341	599170	1308119		99%	99%	100%		99%	99%	100%		99%	99%	100%
			default		5475	8529	9389		5865	8909	9663		4723	7644	8658		107%	104%	103%		86%	90%	92%		90%	90%	92%
			random-10		432028	647805	1452398		399487	594195	1315215		413217	616527	1399261		92%	92%	91%		96%	95%	96%		96%	95%	96%
			random-100		269864	391310	687929		248261	362622	622005		255065	370493	639624		92%	93%	90%		95%	95%	93%		95%	95%	93%
		nomatch	aid-bid		463411	694193	844881		458877	697163	761247		461729	690393	1669460		99%	100%	118%		100%	99%	259%		100%	99%	259%
			aid-bid-10		458295	688559	821450		460304	689664	1236568		460411	697841	1691358		100%	100%	151%		100%	101%	206%		100%	101%	206%
			aid-bid-100		463942	693917	784166		460373	689144	1310921		459019	693917	1675193		99%	99%	167%		99%	100%	214%		99%	100%	214%
			default		461484	692972	680302		455066	690978	694599		457979	692378	1627711		99%	100%	102%		99%	100%	239%		99%	100%	239%
			random-10		464720	695798	830372		458866	687769	1260670		458662	690130	1680471		99%	99%	152%		99%	99%	202%		99%	99%	202%
			random-100		460609	692127	1102210		461401	694403	741746		459412	691792	1685786		100%	100%	67%		100%	100%	153%		100%	100%	153%
	random	match	aid-bid		366387	617012	832676		360610	624865	846081		359651	612231	834910		98%	101%	102%		98%	99%	100%		98%	99%	100%
			aid-bid-10		359129	610475	814822		359010	600717	820672		342513	609298	825262		100%	98%	101%		95%	100%	101%		100%	100%	101%
			aid-bid-100		338391	542652	709037		327490	539336	706523		323199	535449	701317		97%	99%	100%		96%	99%	99%		96%	99%	99%
			default		4727	8043	9116		5271	8265	9391		4896	8411	9518		112%	103%	103%		104%	105%	104%		104%	105%	104%
			random-10		353755	584231	768366		334017	535538	693443		330865	551160	725716		94%	92%	90%		94%	94%	94%		94%	94%	94%
			random-100		234703	353817	431167		219930	331371	396986		225610	332546	408875		94%	94%	92%		96%	94%	95%		96%	94%	95%
		nomatch	aid-bid		367498	650480	869351		356527	642191	868634		364579	628986	873518		97%	99%	100%		99%	97%	100%		99%	97%	100%
			aid-bid-10		366413	617763	849672		364220	634416	876750		365269	634469	867711		99%	103%	103%		100%	103%	102%		100%	103%	102%
			aid-bid-100		366762	632890	867858		371466	636546	866452		380252	631182	870148		101%	101%	100%		104%	100%	100%		104%	100%	100%
			default		374870	627990	873696		360256	639281	859090		363628	631429	870276		96%	102%	98%		97%	101%	100%		97%	101%	100%
			random-10		377062	627673	869416		363852	621957	876024		363568	632211	870866		96%	99%	101%		96%	101%	100%		96%	101%	100%
			random-100		369167	631100	873295		364985	628204	866603		365761	633631	875203		99%	100%	99%		99%	100%	100%		99%	100%	100%
ios	colocated	match	aid-bid		1337366	913768	555266		1363704	2325698	2854895		1364215	2311121	2898352		102%	255%	514%		102%	253%	522%		102%	253%	522%
			aid-bid-10		1335534	948534	575726		1307307	2155972	2598718		1310862	2239388	2618867		98%	227%	451%		98%	236%	455%		98%	236%	455%
			aid-bid-100		1064147	1339273	578303		1054079	1396486	1411478		1065126	1391806	1406889		99%	104%	244%		100%	104%	243%		100%	104%	243%
			default		7866	11600	12585		8116	11974	12593		7770	11579	12538		103%	103%	100%		99%	100%	100%		99%	100%	100%
			random-10		1305395	892203	555733		1337248	2106467	2400928		1312785	2232714	2623068		102%	236%	432%		101%	250%	472%		101%	250%	472%
			random-100		1081121	1387254	577740		1043888	1342420	1368896		1065487	1371998	1402723		97%	97%	237%		99%	99%	243%		99%	99%	243%
		nomatch	aid-bid		1406636	884994	555698		1402885	2404971	3036786		1477662	2373600	3064703		100%	272%	546%		105%	268%	552%		105%	268%	552%
			aid-bid-10		1375378	925477	569067		1436898	2377903	2996289		1426701	2407757	3103887		104%	257%	527%		104%	260%	545%		104%	260%	545%
			aid-bid-100		1424465	872457	555777		1394290	2443195	3047604		1397929	2376285	3003621		98%	280%	548%		98%	272%	540%		98%	272%	540%
			default		1413237	941168	600161		1345193	2419864	3005120		1430277	2443882	3022724		95%	257%	501%		101%	260%	504%		101%	260%	504%
			random-10		1413154	877943	555540		1377253	2385111	3015869		1448426	2454610	3095778		97%	272%	543%		102%	280%	557%		102%	280%	557%
			random-100		1427364	896888	557559		1423459	2406598	3060559		1442203	2439170	3082256		100%	268%	549%		101%	272%	553%		101%	272%	553%
	none	match	aid-bid		865543	1263817	555462		866483	1247192	2816957		860969	1261430	2821327		100%	99%	507%		99%	100%	508%		99%	100%	508%
			aid-bid-10		838371	1219283	569306		848648	1228799	2584046		857981	1239751	2589617		101%	101%	454%		102%	102%	455%		102%	102%	455%
aid-bid-100		771221	1050511	578921		767407	1051621	1411867		771559	1056309	1407916															