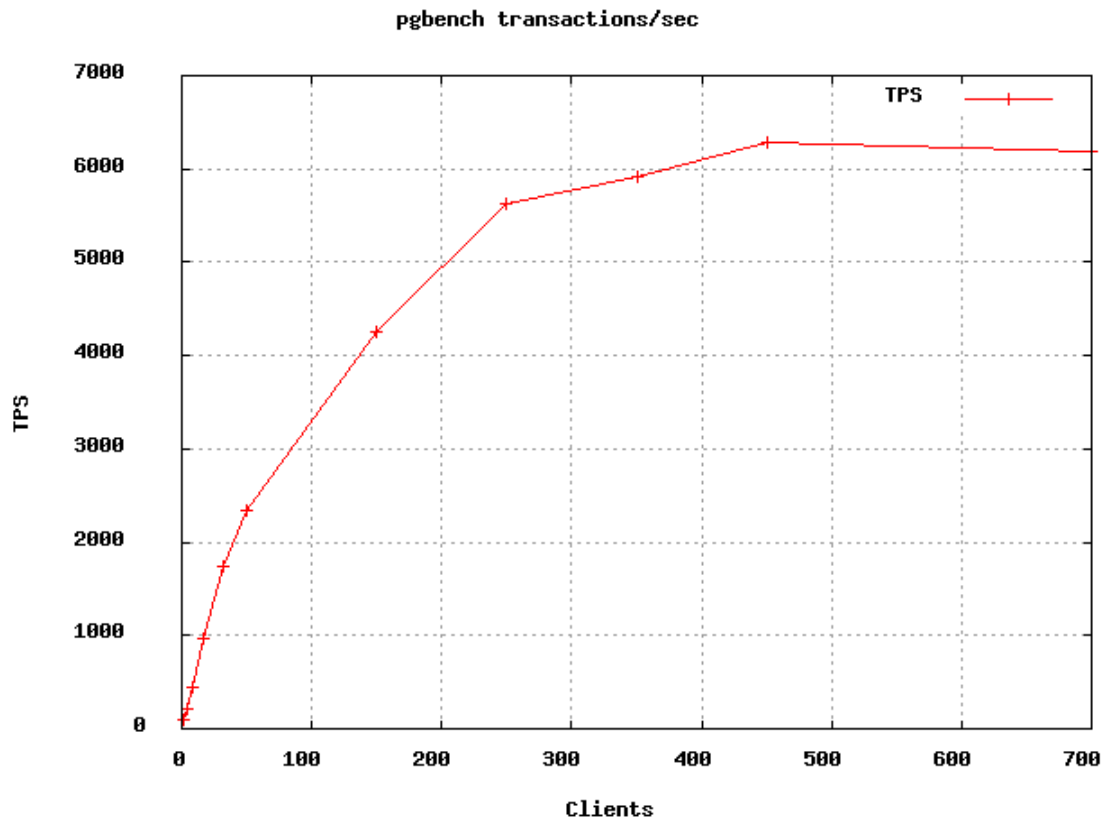
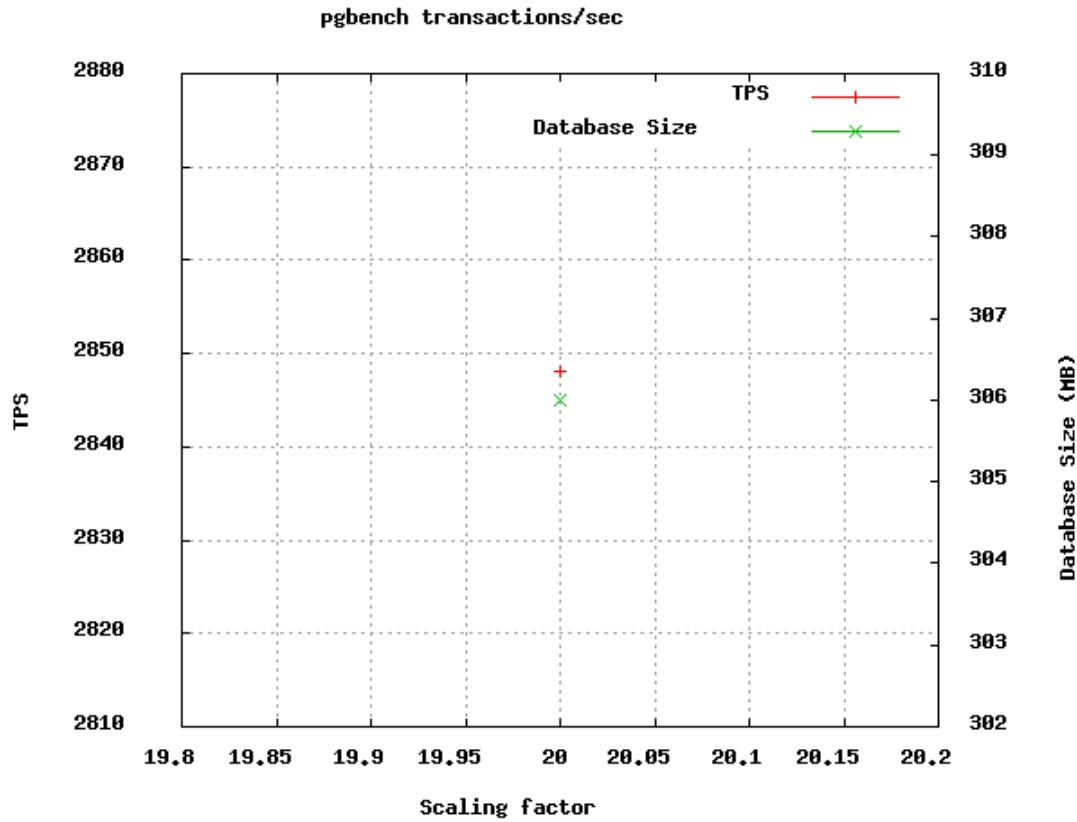
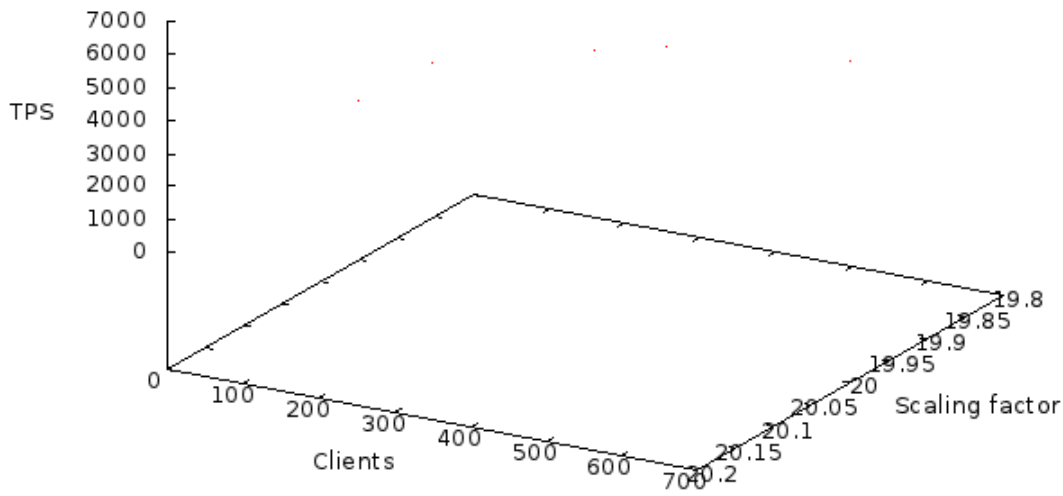


Averages across all test sets:



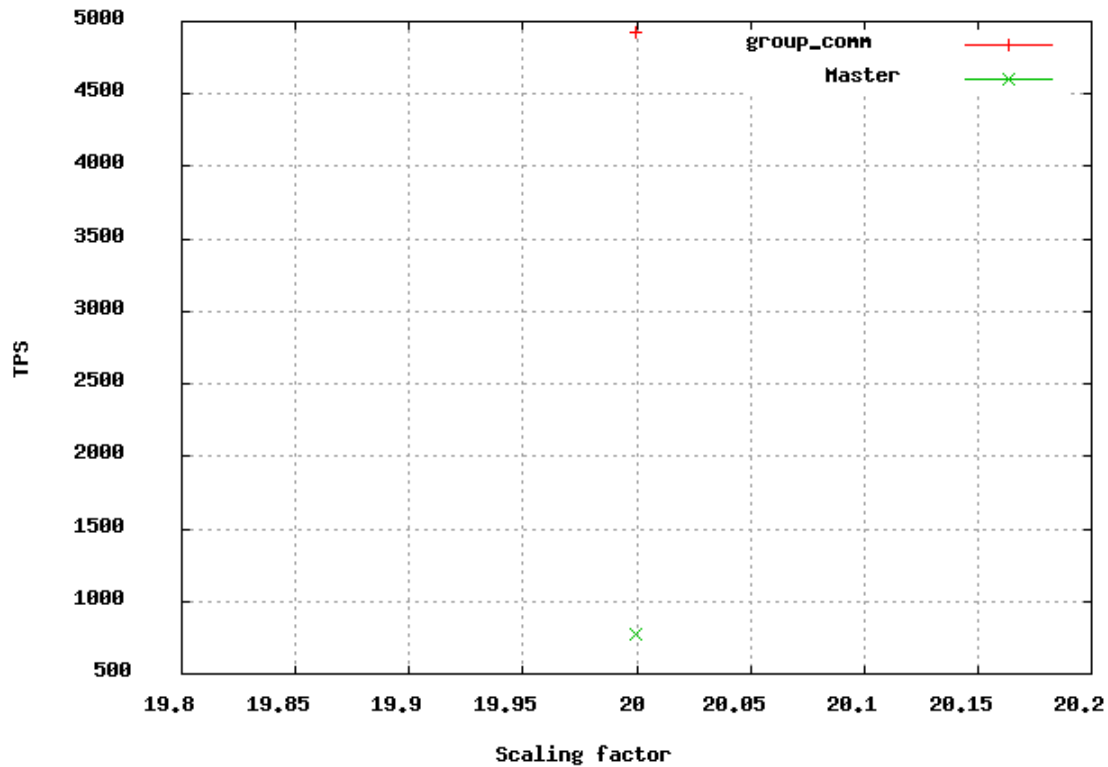
pgbench transactions/sec

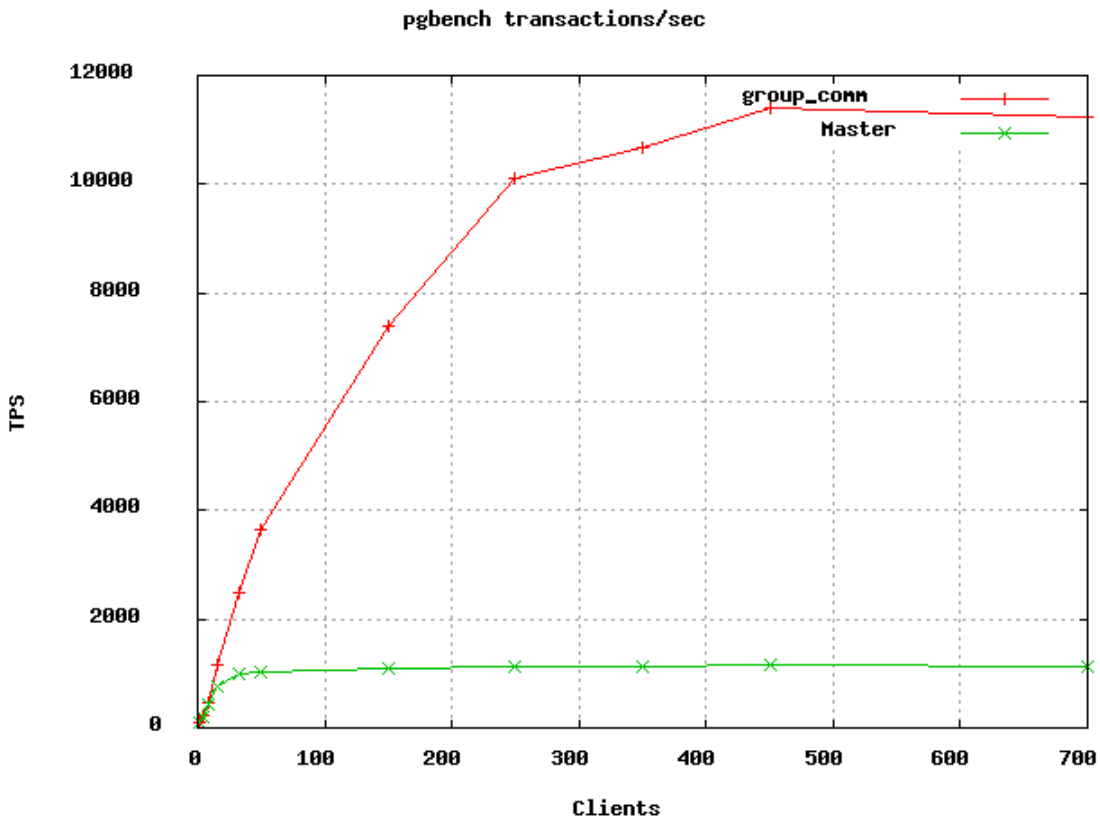
"3d.txt" u 2:1:3



Test sets comparison:

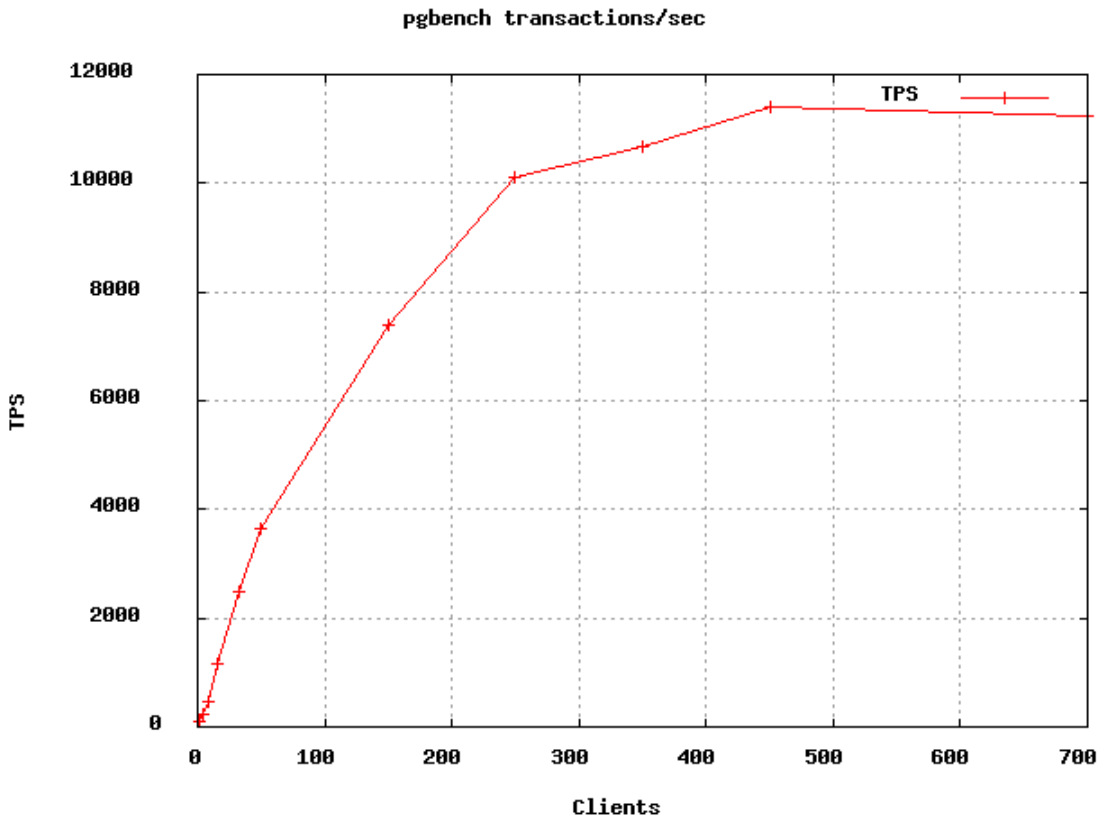
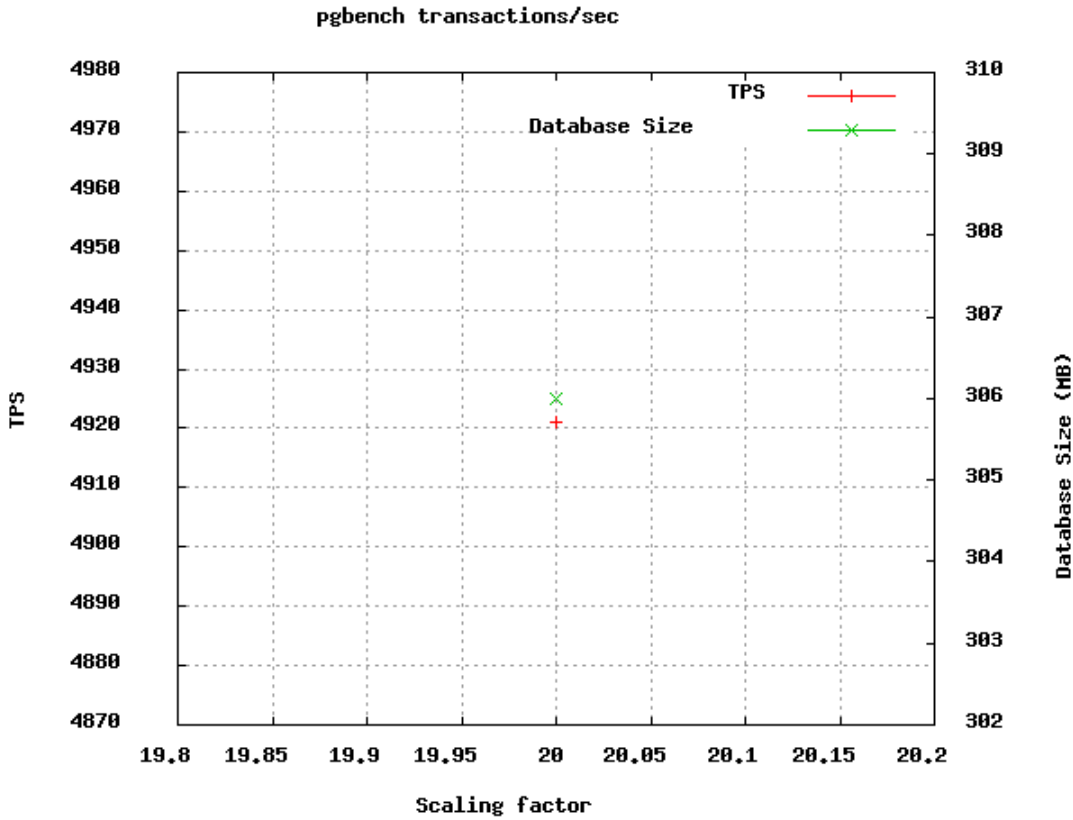
pgbench transactions/sec





- [Test Set 1 - group_comm](#)
- [Test Set 3 - Master](#)

Set 1 : group_comm



Averages for test set 1 by scale:

set	scale	tps	avg_latency	90%<	max_latency
1	20	4921	23.416	31.568	484.714

(1 row)

Averages for test set 1 by clients:

set	clients	tps	avg_latency	90%<	max_latency
1	1	107	9.329	8.381	187.115
1	2	107	18.675	24.992	224.777
1	4	217	18.396	24.983	223.062
1	8	460	17.421	22.27	244.127
1	16	1165	13.73	16.947	277.582
1	32	2483	12.882	17.068	279.18
1	50	3652	13.698	17.742	396.399
1	150	7408	20.156	27.262	898.089
1	250	10113	24.58	32.202	1042.969
1	350	10689	32.395	40.775	1291.678
1	450	11399	38.906	53.132	361.065
1	700	11253	60.822	93.062	390.53

Averages for test set 1 by scale and client:

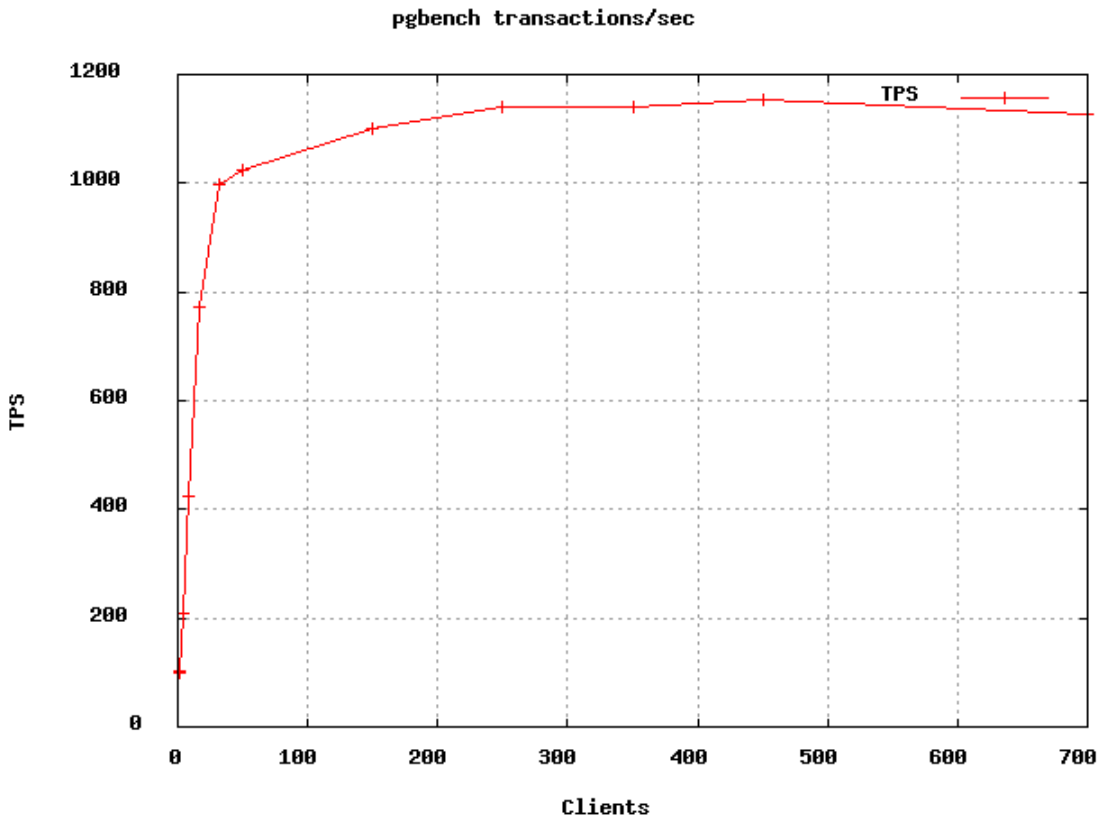
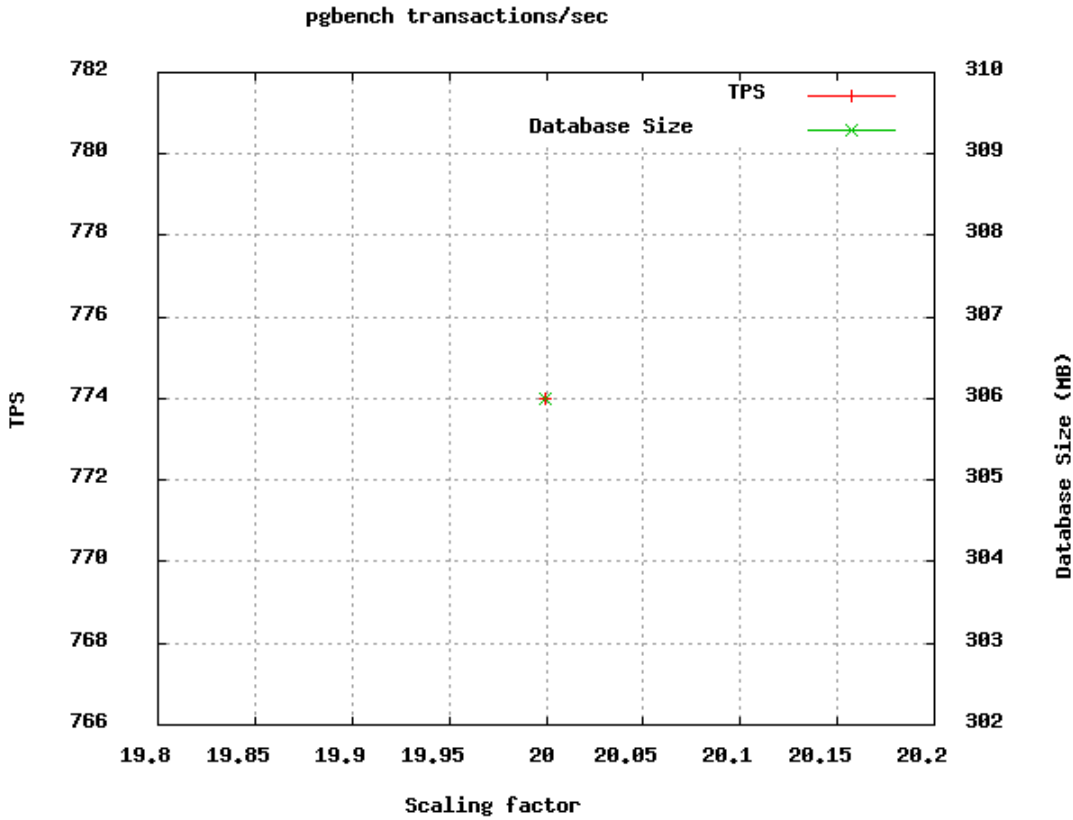
set	scale	clients	tps	avg_latency	90%<	max_latency
1	20	1	107	9.329	8.381	187.115
1	20	2	107	18.675	24.992	224.777
1	20	4	217	18.396	24.983	223.062
1	20	8	460	17.421	22.27	244.127
1	20	16	1165	13.73	16.947	277.582
1	20	32	2483	12.882	17.068	279.18
1	20	50	3652	13.698	17.742	396.399
1	20	150	7408	20.156	27.262	898.089
1	20	250	10113	24.58	32.202	1042.969
1	20	350	10689	32.395	40.775	1291.678
1	20	450	11399	38.906	53.132	361.065
1	20	700	11253	60.822	93.062	390.53

Detail for test set 1:

set	test	scale	clients	tps	max_latency	chkpts	buf_check	buf_clean	buf_backend	buf_alloc	max_clean	backend_sync
1	39	20	1	108	179.639	0	0	0	45	61	0	0
1	51	20	1	107	201.24	0	0	0	44	43	0	0
1	63	20	1	107	180.465	0	0	0	44	43	0	0
1	40	20	2	105	272.593	0	0	0	44	43	0	0
1	52	20	2	109	205.371	0	0	0	45	44	0	0
1	64	20	2	108	196.368	0	0	0	46	45	0	0
1	41	20	4	218	275.007	0	0	0	88	87	0	0
1	53	20	4	216	210.828	0	0	0	88	87	0	0
1	65	20	4	217	183.352	0	0	0	88	87	0	0
1	42	20	8	463	208.366	0	0	0	181	181	0	0

1	54	20	8	478	223.927	0	0	0	188	187	0	0
1	66	20	8	438	300.087	0	0	0	172	171	0	0
1	43	20	16	1146	325.127	0	0	0	452	451	0	0
1	55	20	16	1220	174.135	0	0	0	479	478	0	0
1	67	20	16	1131	333.483	0	0	0	442	442	0	0
1	44	20	32	2502	267.079	0	0	0	967	966	0	0
1	56	20	32	2571	267.441	0	0	0	997	996	0	0
1	68	20	32	2376	303.02	0	0	0	932	931	0	0
1	45	20	50	3782	417.239	0	0	0	1461	1462	0	0
1	57	20	50	3776	297.585	0	0	0	1460	1456	0	0
1	69	20	50	3397	474.372	0	0	0	1312	1321	0	0
1	46	20	150	7622	283.455	0	0	0	2969	2990	0	0
1	58	20	150	7469	1056.181	0	0	0	2938	2937	0	0
1	70	20	150	7133	1354.632	0	0	0	2808	2808	0	0
1	47	20	250	9337	2335.781	0	0	0	3689	3694	0	0
1	59	20	250	10311	501.542	0	0	0	4061	4077	0	0
1	71	20	250	10690	291.583	0	0	0	4210	4212	0	0
1	48	20	350	10912	278.943	0	0	0	4360	4367	0	0
1	60	20	350	10017	3138.739	0	0	0	4016	4017	0	0
1	72	20	350	11137	457.351	0	0	0	4427	4430	0	0
1	49	20	450	10944	450.061	0	0	0	4442	4441	0	0
1	61	20	450	11582	358.226	0	0	0	4638	4641	0	0
1	73	20	450	11671	274.908	0	0	0	4700	4704	0	0
1	50	20	700	12035	348.081	0	0	0	4943	4942	0	0
1	62	20	700	10424	490.497	0	0	0	4301	4301	0	0
1	74	20	700	11301	333.011	0	0	0	4723	4731	0	0

Set 3 : Master



Averages for test set 3 by scale:

set	scale	tps	avg_latency	90%<	max_latency
3	20	774	149.953	225.291	965.308

(1 row)

Averages for test set 3 by clients:

set	clients	tps	avg_latency	90%<	max_latency
3	1	102	9.756	8.389	298.333
3	2	100	19.934	25.156	284.939
3	4	210	18.995	24.991	278.65
3	8	423	18.902	25.006	240.65
3	16	771	20.818	30.606	333.223
3	32	998	32.032	49.994	327.599
3	50	1023	48.781	75.14	471.716
3	150	1100	135.535	219.694	881.231
3	250	1140	217.143	336.379	1334.898
3	350	1141	300.416	447.995	1607.666
3	450	1154	380.127	603.627	2149.817
3	700	1128	596.995	856.512	3374.971

Averages for test set 3 by scale and client:

set	scale	clients	tps	avg_latency	90%<	max_latency
3	20	1	102	9.756	8.389	298.333
3	20	2	100	19.934	25.156	284.939
3	20	4	210	18.995	24.991	278.65
3	20	8	423	18.902	25.006	240.65
3	20	16	771	20.818	30.606	333.223
3	20	32	998	32.032	49.994	327.599
3	20	50	1023	48.781	75.14	471.716
3	20	150	1100	135.535	219.694	881.231
3	20	250	1140	217.143	336.379	1334.898
3	20	350	1141	300.416	447.995	1607.666
3	20	450	1154	380.127	603.627	2149.817
3	20	700	1128	596.995	856.512	3374.971

Detail for test set 3:

set	test	scale	clients	tps	max_latency	chkpts	buf_check	buf_clean	buf_backend	buf_alloc	max_clean	backend_sync
3	75	20	1	105	288.503	0	0	0	43	63	0	0
3	87	20	1	98	323.539	0	0	0	41	40	0	0
3	99	20	1	105	282.956	0	0	0	44	43	0	0
3	76	20	2	97	250.577	0	0	0	41	40	0	0
3	88	20	2	105	241.655	0	0	0	44	43	0	0
3	100	20	2	99	362.585	0	0	0	41	40	0	0
3	77	20	4	207	343.81	0	0	0	84	83	0	0
3	89	20	4	210	216.834	0	0	0	86	85	0	0
3	101	20	4	215	275.307	0	0	0	88	87	0	0
3	78	20	8	422	250.101	0	0	0	169	168	0	0

3	90	20	8	428	208.891	0	0	0	172	171	0	0
3	102	20	8	418	262.958	0	0	0	164	163	0	0
3	79	20	16	797	324.933	0	0	0	314	313	0	0
3	91	20	16	818	266.424	0	0	0	321	321	0	0
3	103	20	16	698	408.312	0	0	0	279	278	0	0
3	80	20	32	1003	308.181	0	0	0	402	401	0	0
3	92	20	32	975	300.011	0	0	0	395	392	0	0
3	104	20	32	1016	374.606	0	0	0	404	403	0	0
3	81	20	50	1002	450.306	0	0	0	411	410	0	0
3	93	20	50	1004	522.967	0	0	0	411	410	0	0
3	105	20	50	1063	441.874	0	0	0	430	429	0	0
3	82	20	150	1082	1083.506	0	0	0	465	463	0	0
3	94	20	150	1094	809.151	0	0	0	469	469	0	0
3	106	20	150	1125	751.036	0	0	0	481	480	0	0
3	83	20	250	1132	1460.074	0	0	0	508	507	0	0
3	95	20	250	1117	1450.995	0	0	0	506	505	0	0
3	107	20	250	1171	1093.626	0	0	0	520	519	0	0
3	84	20	350	1111	1585.031	0	0	0	706	705	0	0
3	96	20	350	1120	1701.264	0	0	0	705	704	0	0
3	108	20	350	1192	1536.703	0	0	0	683	682	0	0
3	85	20	450	1129	2368.939	0	0	0	552	551	0	0
3	97	20	450	1151	1935.372	0	0	0	581	581	0	0
3	109	20	450	1183	2145.141	0	0	0	634	635	0	0
3	86	20	700	1151	3588.816	0	0	0	717	717	0	0
3	98	20	700	1095	3765.658	0	0	0	755	754	0	0
3	110	20	700	1139	2770.438	0	0	0	712	711	0	0