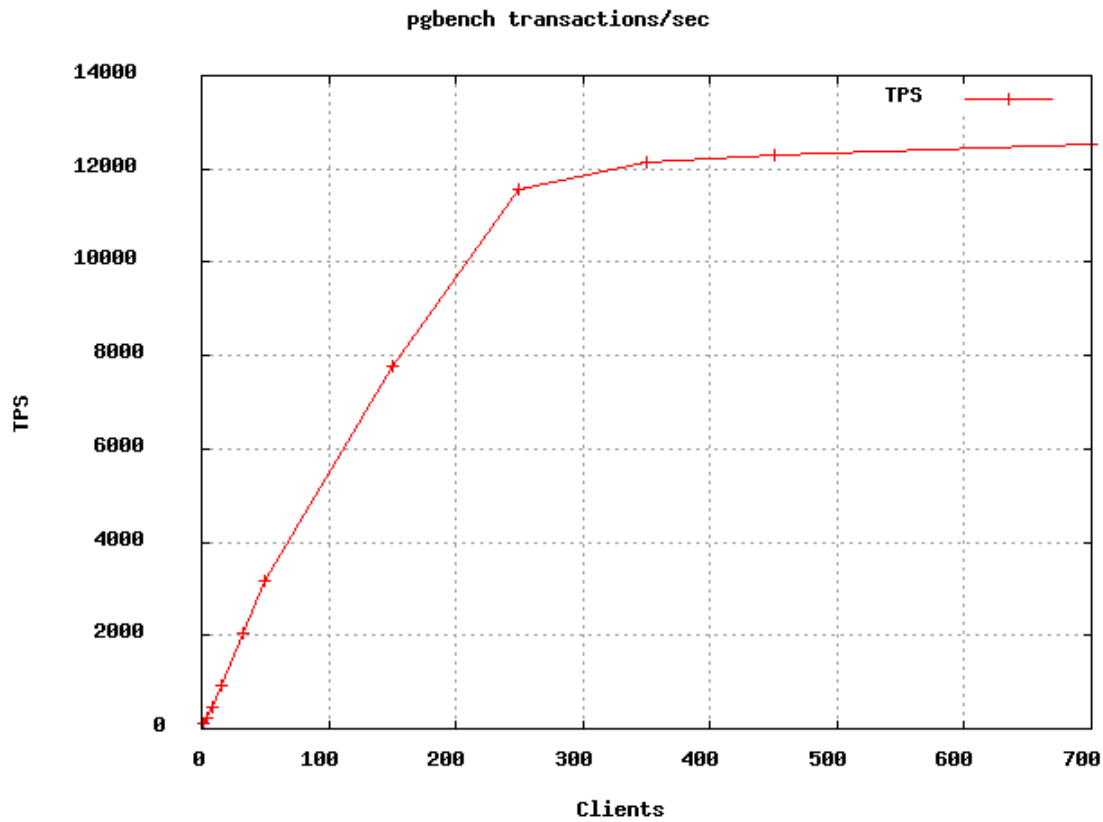
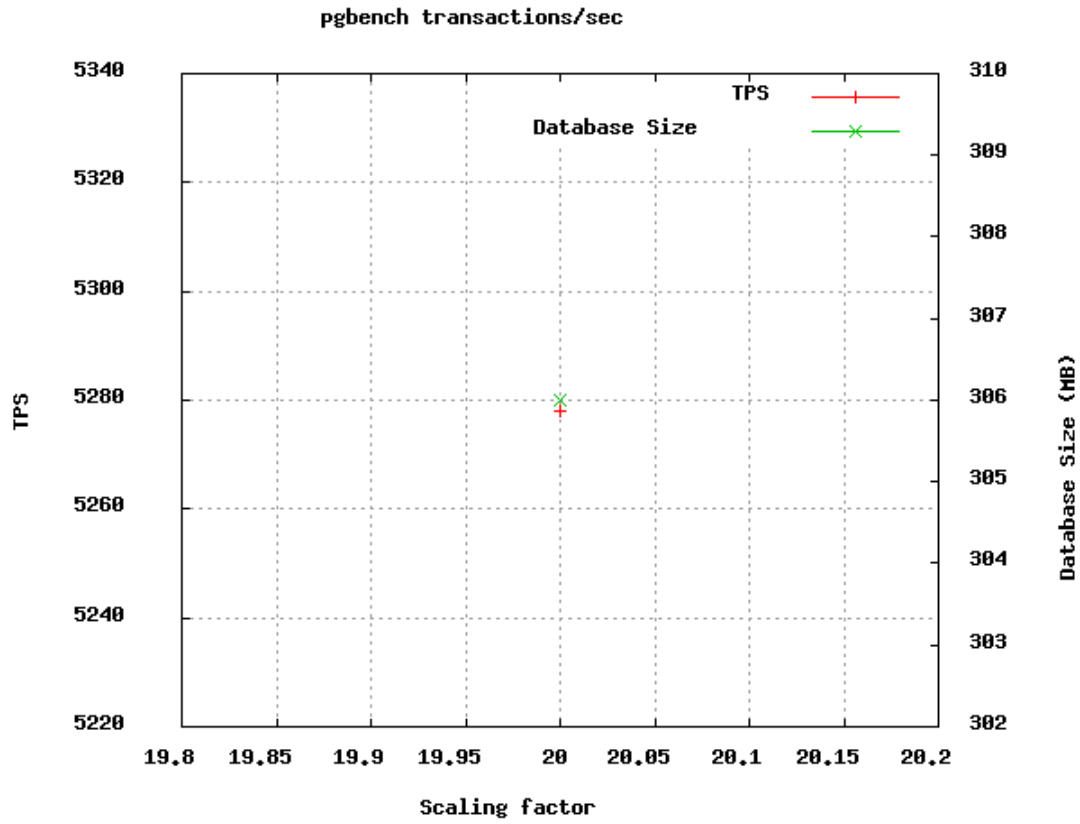
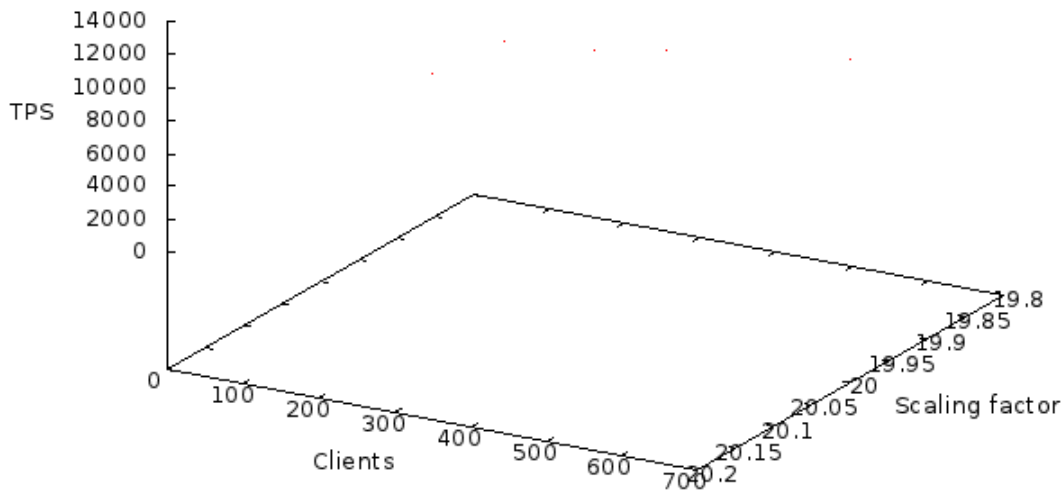


Averages across all test sets:



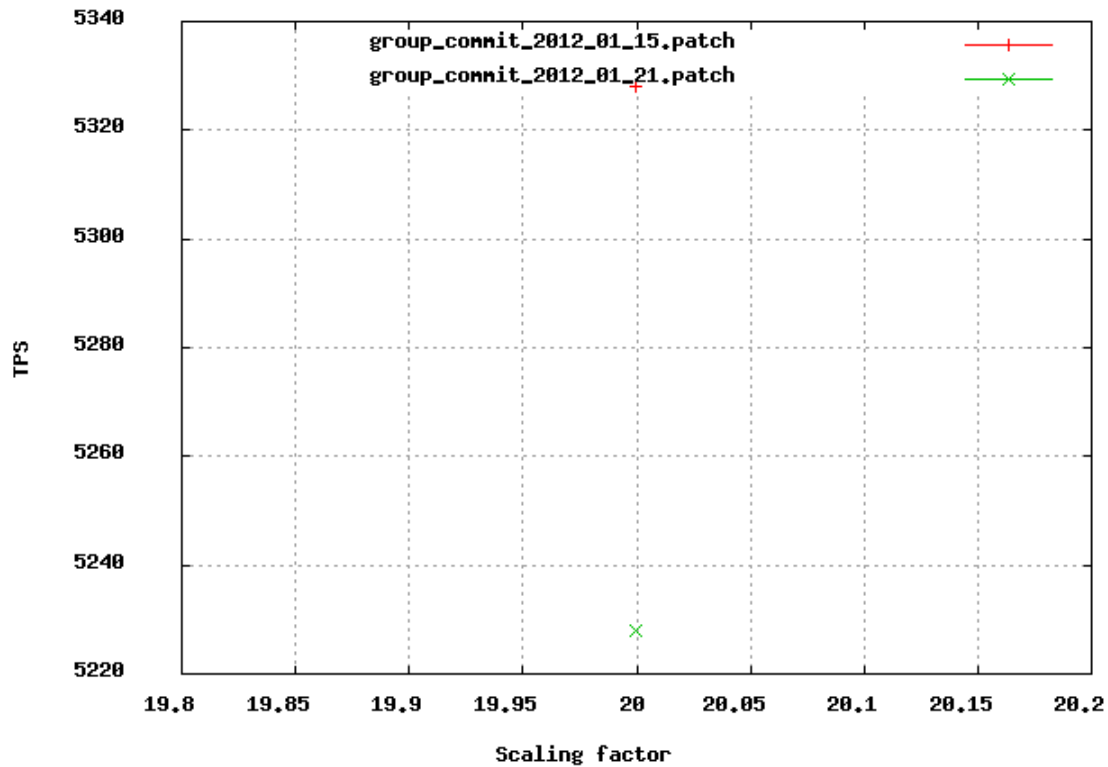
pgbench transactions/sec

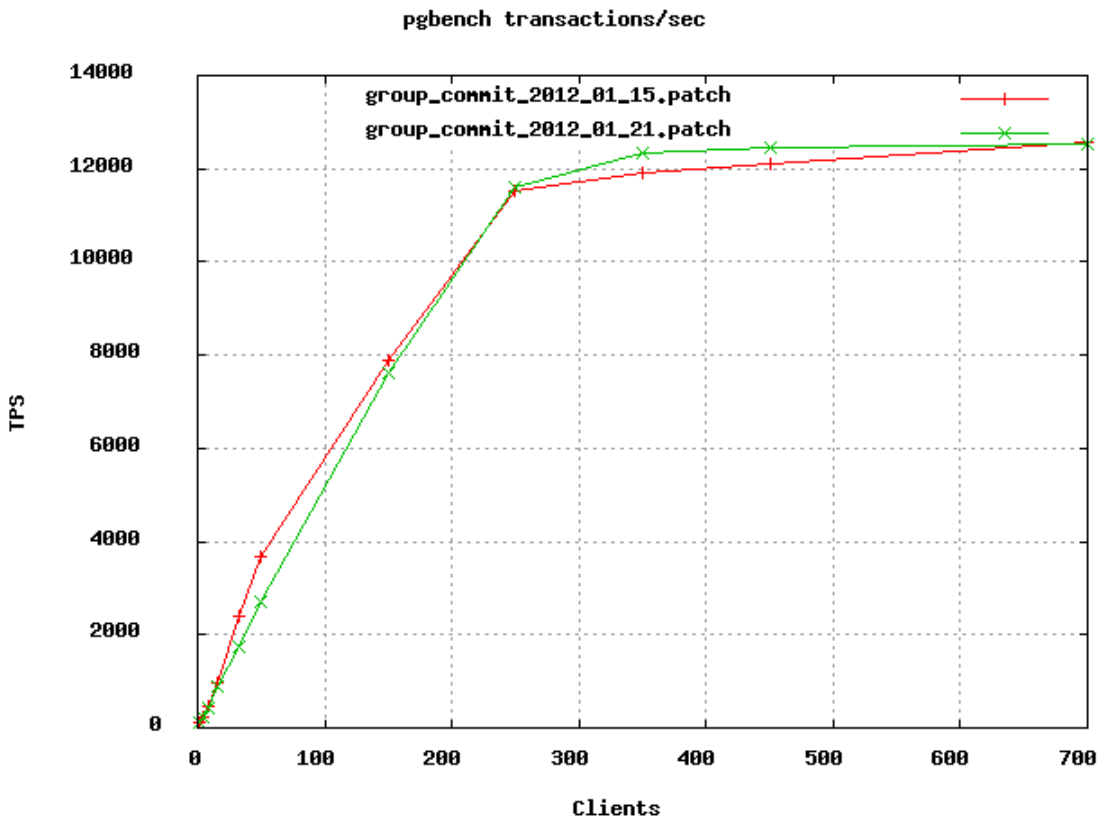
"3d.txt" u 2:1:3



Test sets comparison:

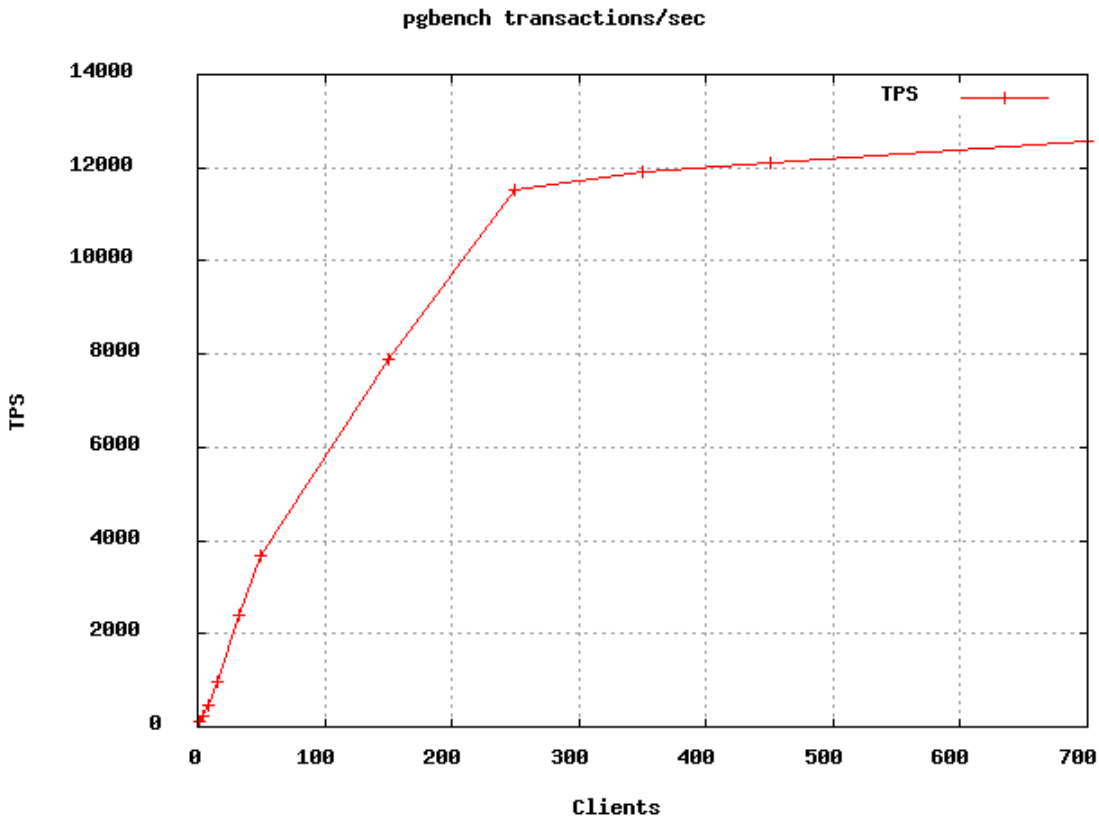
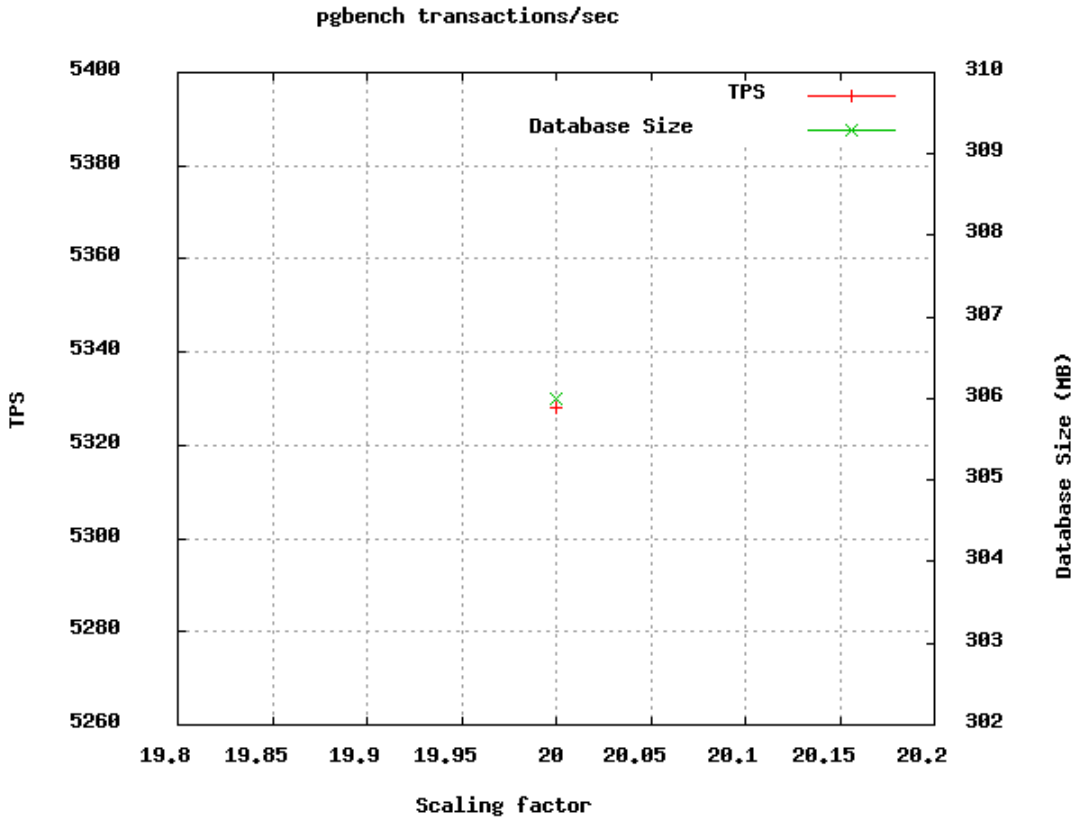
pgbench transactions/sec





- [Test Set 1 - group_commit_2012_01_15.patch](#)
- [Test Set 2 - group_commit_2012_01_21.patch](#)

Set 1 : group_commit_2012_01_15.patch



Averages for test set 1 by scale:

set	scale	tps	avg_latency	90%<	max_latency
1	20	5328	22.279	29.1	605.32

(1 row)

Averages for test set 1 by clients:

set	clients	tps	avg_latency	90%<	max_latency
1	1	109	9.189	8.348	119.242
1	2	110	18.25	24.985	130.072
1	4	223	17.924	22.26	175.645
1	8	452	17.737	19.624	138.633
1	16	971	16.558	19.58	218.405
1	32	2393	13.397	17.017	298.95
1	50	3662	13.63	17.48	424.325
1	150	7903	18.893	24.955	625.005
1	250	11534	21.525	27.308	1661.818
1	350	11923	29.046	35.917	1499.111
1	450	12101	36.701	48.117	1556.005
1	700	12562	54.494	83.603	416.63

Averages for test set 1 by scale and client:

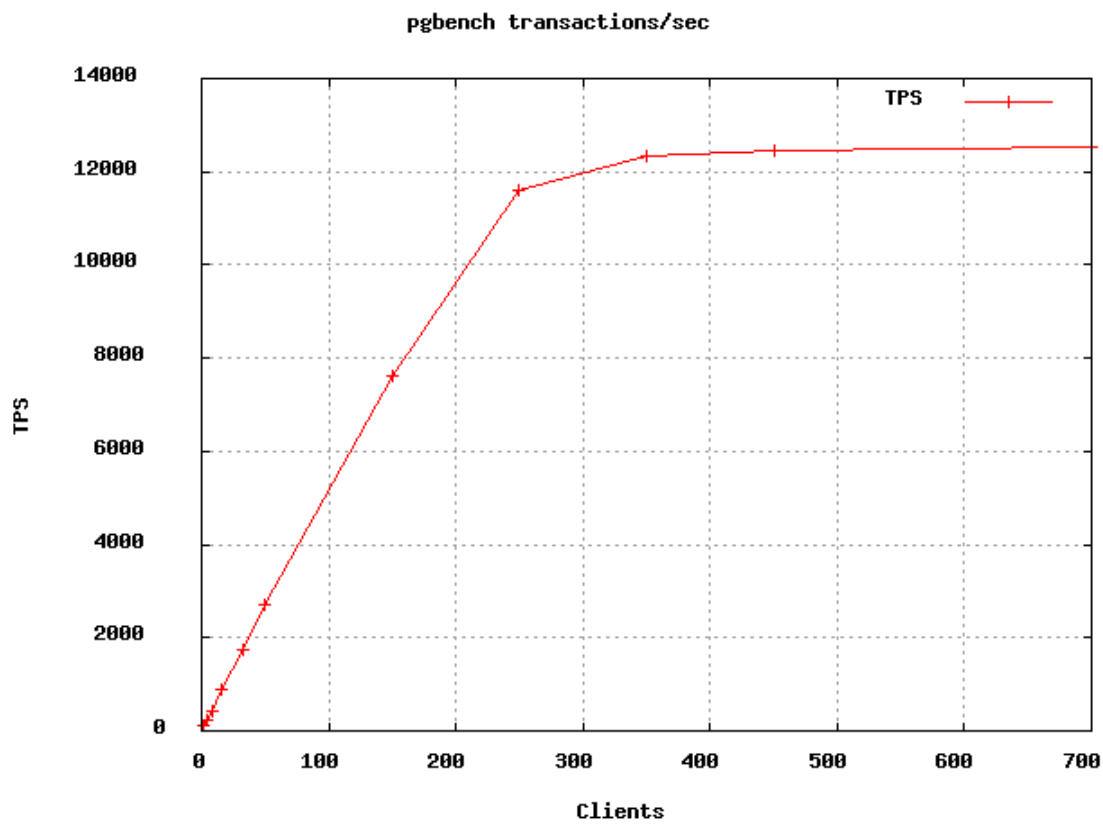
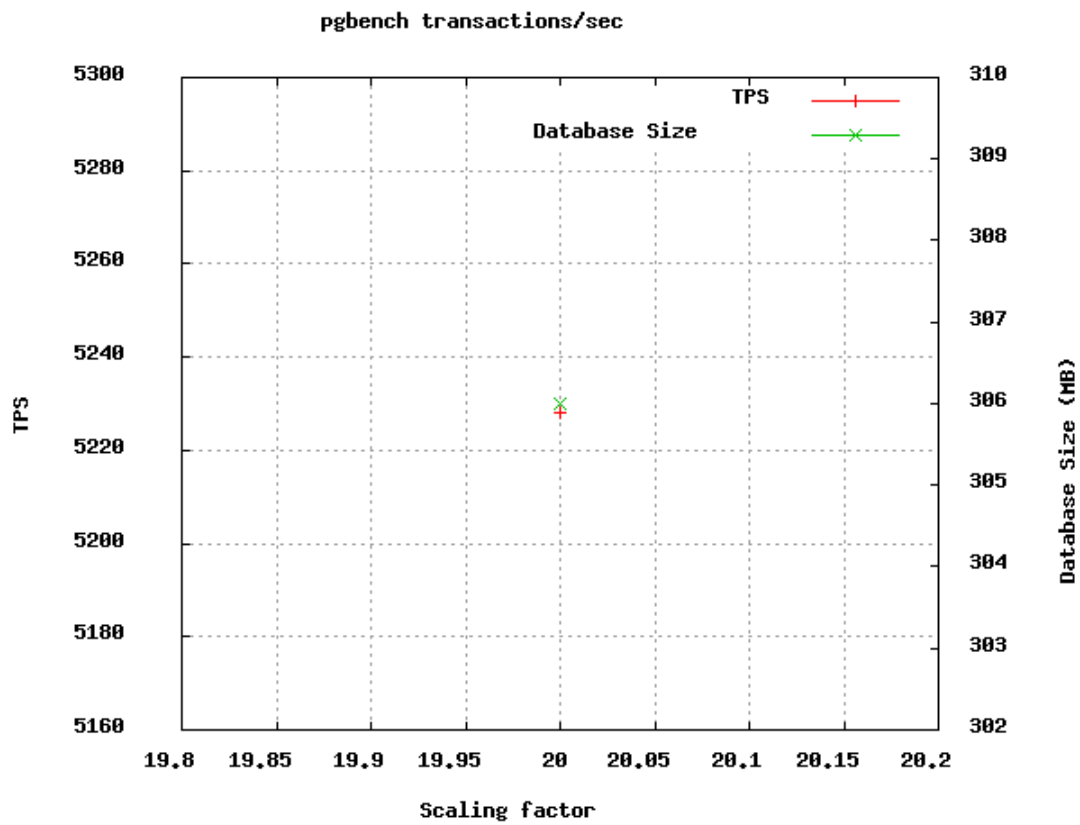
set	scale	clients	tps	avg_latency	90%<	max_latency
1	20	1	109	9.189	8.348	119.242
1	20	2	110	18.25	24.985	130.072
1	20	4	223	17.924	22.26	175.645
1	20	8	452	17.737	19.624	138.633
1	20	16	971	16.558	19.58	218.405
1	20	32	2393	13.397	17.017	298.95
1	20	50	3662	13.63	17.48	424.325
1	20	150	7903	18.893	24.955	625.005
1	20	250	11534	21.525	27.308	1661.818
1	20	350	11923	29.046	35.917	1499.111
1	20	450	12101	36.701	48.117	1556.005
1	20	700	12562	54.494	83.603	416.63

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	57	20	1	110	133.331	0	0	0	45	55	0	0
1	69	20	1	109	99.343	0	0	0	45	44	0	0
1	81	20	1	108	125.053	0	0	0	45	44	0	0
1	58	20	2	110	116.642	0	0	0	46	45	0	0
1	70	20	2	110	131.944	0	0	0	46	45	0	0
1	82	20	2	109	141.629	0	0	0	45	44	0	0
1	59	20	4	220	191.619	0	0	0	88	88	0	0
1	71	20	4	221	183.298	0	0	0	89	88	0	0
1	83	20	4	228	152.018	0	0	0	92	91	0	0
1	60	20	8	485	141.667	0	0	0	193	192	0	0

1	72	20	8	433	190.738	0	0	0	172	171	0	0
1	84	20	8	438	83.493	0	0	0	172	171	0	0
1	61	20	16	1034	191.855	0	0	0	404	403	0	0
1	73	20	16	871	191.823	0	0	0	340	339	0	0
1	85	20	16	1008	271.538	0	0	0	395	394	0	0
1	62	20	32	2284	268.671	0	0	0	889	890	0	0
1	74	20	32	2586	359.517	0	0	0	1004	1002	0	0
1	86	20	32	2309	268.661	0	0	0	904	905	0	0
1	63	20	50	3695	423.869	0	0	0	1430	1443	0	0
1	75	20	50	3614	423.632	0	0	0	1405	1405	0	0
1	87	20	50	3676	425.474	0	0	0	1433	1432	0	0
1	64	20	150	8016	341.75	0	0	0	3143	3143	0	0
1	76	20	150	7937	258.011	0	0	0	3103	3107	0	0
1	88	20	150	7756	1275.253	0	0	0	3037	3045	0	0
1	65	20	250	12052	266.491	0	0	0	4733	4733	0	0
1	77	20	250	11382	2180.08	0	0	0	4482	4481	0	0
1	89	20	250	11168	2538.882	0	0	0	4394	4394	0	0
1	66	20	350	11539	3039.918	0	0	0	4598	4597	0	0
1	78	20	350	12175	1116.837	0	0	0	4837	4839	0	0
1	90	20	350	12056	340.579	0	0	0	4787	4786	0	0
1	67	20	450	12399	339.949	0	0	0	4960	4967	0	0
1	79	20	450	11531	3866.235	0	0	0	4646	4706	0	0
1	91	20	450	12371	461.832	0	0	0	4939	4943	0	0
1	68	20	700	12651	570.085	0	0	0	5112	5134	0	0
1	80	20	700	12561	335.643	0	0	0	5102	5102	0	0
1	92	20	700	12476	344.162	0	0	0	5075	5084	0	0

Set 2 : group_commit_2012_01_21.patch



Averages for test set 2 by scale:

set	scale	tps	avg_latency	90%<	max_latency
2	20	5228	23.201	30.721	224.915

(1 row)

Averages for test set 2 by clients:

set	clients	tps	avg_latency	90%<	max_latency
2	1	108	9.221	8.345	148.257
2	2	109	18.302	22.304	147.156
2	4	220	18.201	19.53	163.663
2	8	437	18.287	24.863	152.931
2	16	874	18.287	22.809	150.111
2	32	1741	18.361	24.844	164.101
2	50	2706	18.44	24.856	210.468
2	150	7608	19.619	26.097	322.522
2	250	11607	21.367	27.832	305.523
2	350	12328	28.093	35.537	330.339
2	450	12472	35.571	48.516	281.297
2	700	12524	54.662	83.115	322.607

Averages for test set 2 by scale and client:

set	scale	clients	tps	avg_latency	90%<	max_latency
2	20	1	108	9.221	8.345	148.257
2	20	2	109	18.302	22.304	147.156
2	20	4	220	18.201	19.53	163.663
2	20	8	437	18.287	24.863	152.931
2	20	16	874	18.287	22.809	150.111
2	20	32	1741	18.361	24.844	164.101
2	20	50	2706	18.44	24.856	210.468
2	20	150	7608	19.619	26.097	322.522
2	20	250	11607	21.367	27.832	305.523
2	20	350	12328	28.093	35.537	330.339
2	20	450	12472	35.571	48.516	281.297
2	20	700	12524	54.662	83.115	322.607

Detail for test set 2:

set	test	scale	clients	tps	max_latency	chkpts	buf_check	buf_clean	buf_backend	buf_alloc	max_clean	backend_sync
2	93	20	1	106	164.098	0	0	0	44	77	0	0
2	105	20	1	109	150.969	0	0	0	45	44	0	0
2	117	20	1	110	129.704	0	0	0	45	44	0	0
2	94	20	2	107	158.253	0	0	0	45	44	0	0
2	106	20	2	110	141.586	0	0	0	46	45	0	0
2	118	20	2	110	141.629	0	0	0	46	45	0	0
2	95	20	4	222	141.077	0	0	0	89	88	0	0
2	107	20	4	217	191.609	0	0	0	88	87	0	0
2	119	20	4	220	158.303	0	0	0	89	88	0	0
2	96	20	8	440	158.316	0	0	0	172	171	0	0

2	108	20	8	439	145.647	0	0	0	172	171	0	0
2	120	20	8	433	154.831	0	0	0	172	171	0	0
2	97	20	16	883	116.816	0	0	0	347	346	0	0
2	109	20	16	869	158.482	0	0	0	341	340	0	0
2	121	20	16	870	175.035	0	0	0	340	339	0	0
2	98	20	32	1748	158.51	0	0	0	679	678	0	0
2	110	20	32	1742	150.161	0	0	0	677	677	0	0
2	122	20	32	1732	183.632	0	0	0	677	676	0	0
2	99	20	50	2709	267.227	0	0	0	1054	1054	0	0
2	111	20	50	2704	194.743	0	0	0	1054	1053	0	0
2	123	20	50	2705	169.434	0	0	0	1054	1053	0	0
2	100	20	150	7533	318.876	0	0	0	2975	2976	0	0
2	112	20	150	7678	289.193	0	0	0	3005	3004	0	0
2	124	20	150	7612	359.496	0	0	0	3005	3004	0	0
2	101	20	250	11514	305.777	0	0	0	4515	4540	0	0
2	113	20	250	11626	330.444	0	0	0	4563	4576	0	0
2	125	20	250	11682	280.347	0	0	0	4605	4608	0	0
2	102	20	350	12175	250.933	0	0	0	4849	4848	0	0
2	114	20	350	12174	268.969	0	0	0	4826	4833	0	0
2	126	20	350	12634	471.115	0	0	0	5006	5012	0	0
2	103	20	450	12782	274.669	0	0	0	5142	5146	0	0
2	115	20	450	12332	279.751	0	0	0	4934	4934	0	0
2	127	20	450	12303	289.471	0	0	0	4949	4954	0	0
2	104	20	700	12521	272.122	0	0	0	5134	5139	0	0
2	116	20	700	12633	302.207	0	0	0	5195	5203	0	0
2	128	20	700	12420	393.491	0	0	0	5050	5053	0	0