







計測結果一覧 - 1,300万件			Oracle Autonor	mous Data Wareho	use (1,300万件)	Vertica(1,300万件)		
Oracle Autonomous Data Warehouse vs Vertica			OCPU = <b>1</b>	OCPU = <b>3</b>	OCPU = <b>8</b>	r5a.large 2vCPU 16GiB	r5a.2xlarge 8vCPU 64GiB	r5a.8xlarge 32vCPU 256GiB
No.	クエリイメージ	SQL	単位:秒	単位:秒	単位:秒		単位:秒	
1-1	Т	select sum(uriage) from uriage	0.56			0.56	0.22	0.07
1-2	Т	select tokui_id, sum(uriage) from uriage group by tokui_id	0.52			0.84	0.29	0.12
1-3	条件	select tokui_id, sum(uriage) from uriage where uriage > 500000 group by tokui_id	0.34			0.60	0.21	0.15
1-4	T	select kigyo_group_id _seikyu_id _tokui_id _sum(uriage) from uriage group by kigyo_group_id _seikyu_id _tokui_id	3.55			7.37	2.29	1.62
1-5	条件	select kigyo_group_id _seikyu_id _tokui_id _sum(uriage) from uriage where uriage > 500000 group by kigyo_group_id _seikyu_id _tokui_id	2.54			4.66	1.42	0.96
1-6	条件	select kigyo group_id _seikyu_jd _tokui_jd _sum(uriage) from uriage where uriage > 500000 and shain_id = 300 group by kigyo_group_id _seikyu_jd _tokui_jd	0.09			1.22	0.54	0.25
1-7	条件	select kigyo group_id _seikyu_id _tokui_id _sum(uriage) from uriage from uriage > 500000 and shain_id = 300 and kigyo_group_id = 30 group by kigyo_group_id _seikyu_id _tokui_id	0.05			0.59	0.15	0.13
2-1	М Т	select kigyo_group_name _,sum(uriage) from uriage u left outer join kigyo_group k on _ukigyo_group_id = k.kigyo_group_id group by kigyo_group_name	0.45			1.67	0.52	0.25
2-2	<b>M</b>	select kigyo_group_namesum(uriage) from uriage u left outer join kigyo_group k on _ukigyo_group_id = k.kigyo_group_id where k.kigyo_group_name = 企業G00030' group by kigyo_group_name	0.06			0.27	0.12	0.12
2-3	M 条件	select kigyo_group_name _,sum(uriage) from uriage u left outer join kigyo_group k on _ukigyo_group_id = k.kigyo_group_id where k.kigyo_group_name like %30% group by kigyo_group_name	0.08			0.27	0.12	0.13
3-1	M	select kigyo_group_name , s.shain_name ,sum(uriage) from uriage u left outer join kigyo_group k on u.kigyo_group_id = k.kigyo_group_id left outer join shain s on u.shain_id = s.shain_id group by kigyo_group_name, s.shain_name	3.97			8.10	2.17	1.70
3-2	M 条件	select kigyo_group_name , s.shain_name ,sum(uriage) from uriage u left outer join kigyo_group k on u.kigyo_group_id = k.kigyo_group_id left outer join shain s on u.shain,id = s.shain,id where k.kigyo_group_name = 企全条0000300 group by kigyo_group_name, s.shain_name	0.13			0.38	0.15	0.13
3-3	M	select kigyo_group_name , s.shain_name ,sum(uriage) from uriage u left outer join kigyo_group k on u.kigyo_group_id = k.kigyo_group_id left outer join shain s on u.shain_id = s.shain_id where k.kigyo_group_name = '企業G00030' AND s.shain_name = '社員名00010' group by kigyo_group_name, s.shain_name	0.08			0.30	0.13	0.15

計測結果一覧 - 1億件			Oracle Autonomous Data Warehouse (1億件)				Vertica(1億件)		
Oracle Autonomous Data Warehouse vs Vertica			OCPU = <b>1</b>		OCPU = <b>3</b>	OCPU = <b>8</b>	r5a.large 2vCPU 16GiB	r5a.2xlarge 8vCPU 64GiB	r5a.8xlarge 32vCPU 256GiB
No.	クエリイメージ	クエリイメージ SQL		単位:秒				単位:秒	
1-1	Т	select sum(uriage) from uriage	11.5	51	7.96	2.29	3.41	1.11	0.44
1-2	Т	select tokui_id, sum(uriage) from uriage group by tokui_id	15.8	31	14.73	2.71	6.63	2.32	1.67
1-3	条件	select tokui,id, sum(uriage) from uriage where uriage > 500000 group by tokui_id	7.9	98	8.34	1.55	8.28	2.75	0.93
1-4	Т	select kigyo_group_id _seikyu_id _tokui_id _sum(uriage) from uriage group by kigyo_group_id _seikyu_id _tokui_id	25.6	60	25.43	23.19	47.79	13.86	11.77
1-5	条件	select kigyo_group_id _seikyu_id _tokui_id _sum(uriage) from uriage where uriage > 500000 group by kigyo_group_id _seikyu_id _tokui_id	13.4	48	14.10	12.53	35.97	9.90	5.89
1-6	条件	select kigyo group id .seikyu id .tokui id .sum(uriage) from uriage where uriage > 500000 and shain id = 300 group by kigyo group id .seikyu id .tokui id	8.0	03	1.01	0.35	11.95	3.90	1.65
1-7	条件	select kigyo_group_id_,seikyu_id_,tokui_id_,sum(uriage) from uriage from uriage > 500000 and shain_id = 300 and kigyo_group_id = 30 group by kigyo_group_id_,seikyu_id_,tokui_id	4.5	53	0.96	0.28	8.15	2.90	1.12
2-1	М Т	select kigyo_group_name _,sum(uriage) from uriage u left outer join kigyo_group k on _u.kigyo_group_id = k.kigyo_group_id group by kigyo_group_name	14.0	01	17.31	17.66	14.82	4.69	1.53
2-2	M ————————————————————————————————————	select kigyo_group_name _sum(uriage) from uriage u left outer join kigyo_group k on _ukigyo_group_id = k.kigyo_group_id where k.kigyo_group_name = 企業G00030' group by kigyo_group_name	0.3	31	2.00	1.27	5.68	1.94	0.77
2-3	M T	select kigyo_group_name _sum(uriage) from uriage u left outer join kigyo_group k on _ukigyo_group_id = k.kigyo_group_id where k.kigyo_group_name like group by kigyo_group_name	0.1	16	1.80	0.47	5.59	1.89	0.70
3-1	M	select kigyo_group_name , s.shain_name ,sum(uriage) from uriage u left outer join kigyo_group k on u.kigyo_group_id = k.kigyo_group_id left outer join shain s on u.shain_id = s.shain_id group by kigyo_group_name, s.shain_name	35.6	63	36.62	30.12	64.00	17.47	9.67
3-2	M	select kigyo_group_name , s.shain_name ,sum(uriage) from uriage u left outer join kigyo_group k on u.kigyo_group_id = k.kigyo_group_id left outer join shain s on u.shain,id = s.shain,id where k.kigyo_group_name = '位秦宝(00030') group by kigyo_group_name, s.shain_name	3.5	52	2.07	0.63	9.34	2.79	0.99
3-3	M	select kigyo_group_name , s.shain_name ,sum(uriage) from uriage u left outer join kigyo_group k on u.kigyo_group_id = k.kigyo_group_id left outer join shain s on u.shain_id = s.shain_id where k.kigyo_group_name = '企業G00030' AND s.shain_name = '社員名00010' group by kigyo_group_name, s.shain_name	2.9	95	1.00	0.30	5.92	2.69	0.81