

ONCONFIG files

The chart below shows the changes made to the onconfig files for each of the top 4 contestants:

Value	Baseline	Contestant #1	Contestant #2	Contestant #3	Contestant #4
Batch Ranking		1	2	3	4
OLTP Ranking		4	2	1	3
RESIDENT	0	0	0	1	1
LOCKS	20000	800000	200000	80000	500000
PHYSBUFF	128	128	65532	1024	1024
LOGBUFF	64	64	10240	128	256
CLEANERS	8	128	8	8	20
CKPTINTVL	300	9999	3600	5400	3600
LTXHWM	70	70	70	90	70
LTXEHWM	80	80	80	95	80
NUMCPUVPS	1	4	4	4	3
SHMVIRTSIZE	32656	812000	1024000	1400000	819200
SHMADD	8388608	107373568	104857600	16777216	209715200
SHMTOTAL	0	0	5957571174	0	0
EXTSHMADD	8388608	107373568	8388608	8388608	209715200
NUMAIOVPS	10	10	10	6	10
NETTYPE	ipcshm,1,50,CPU	ipcshm,1,50,CPU	ipcshm,1,50,CPU	ipcshm,1,50,CPU	ipcshm,1,50,CPU
NETTYPE	soctcp,1,50,NET	soctcp,5,250,NET	soctcp,4,250,NET	soctcp,4,260,NET	soctcp,4,250,NET
MULTIPROCESSOR	0	1	1	1	1
VP_MEMORY_CACHE_KB	0	0	10240	8192	20480
DBSPACETEMP			tmp1dbs: tmp2dbs: tmp3dbs: tmp4dbs	tmp1dbs: tmp2dbs: tmp3dbs: tmp4dbs	tmp1dbs, tmp2dbs, tmp3dbs, tmp4dbs
DS_MAX_QUERIES	4	1	16	6250	12
DS_TOTAL_MEMORY	512	524288	2048	800000	1536
DS_MAX_SCANS	1048576	1024	1048576	1048576	1048576
DS_NONPDQ_QUERY_MEM	128	128	128	512	384
OPTCOMPIND	2	2	0	0	0
TBLSPACE_STATS	1	1	1	1	0
STMT_CACHE	0	0	1	2	0
STMT_CACHE_SIZE	512	512	10240	4096	512

Value	Baseline	Contestant #1	Contestant #2	Contestant #3	Contestant #4
Batch Ranking		1	2	3	4
OLTP Ranking		4	2	1	3
DEF_TABLE_LOCKMODE	page	page	row	row	row
BUFFERPOOL	size=4K, buffers=50000, lrus=8, lru_min_dirty=50.000000, lru_max_dirty=60.000000	size=4K, buffers=857504, lrus=32, lru_min_dirty=1.000000, lru_max_dirty=2.000000	size=4K, buffers=900000, lrus=512, lru_min_dirty=70.000000, lru_max_dirty=80.000000	size=4K, buffers=950000, lrus=16, lru_min_dirty=70.000000, lru_max_dirty=80.000000	size=4K, buffers=819200, lrus=27, lru_min_dirty=70.000000, lru_max_dirty=80.000000
BTSCANNER	num=2, threshold=5000, rangesize=-1, alice=6, compression=med	num=1, threshold=5000, rangesize=-1, alice=6, compression=med	num=1, threshold=5000, rangesize=-1, alice=6, compression=med	num=4, threshold=250000, rangesize=-1, alice=6, compression=med	num=0, threshold=5000, rangesize=-1, alice=6, compression=default
DIRECT_IO	0	1	0	1	0
AUTO_LRU_TUNING	1	1	1	1	1
AUTO_CKPTS	1	0	1	0	0
AUTO_AIOVPS	1	1	0	1	1
USELASTCOMMITTED	NONE	COMMITTED READ	NONE	ALL	ALL
AUTO_READAHEAD	1	1,16	1	1	1