

Windows 5.1.51 5.5.5 Vs 5.5.6

Host Information:

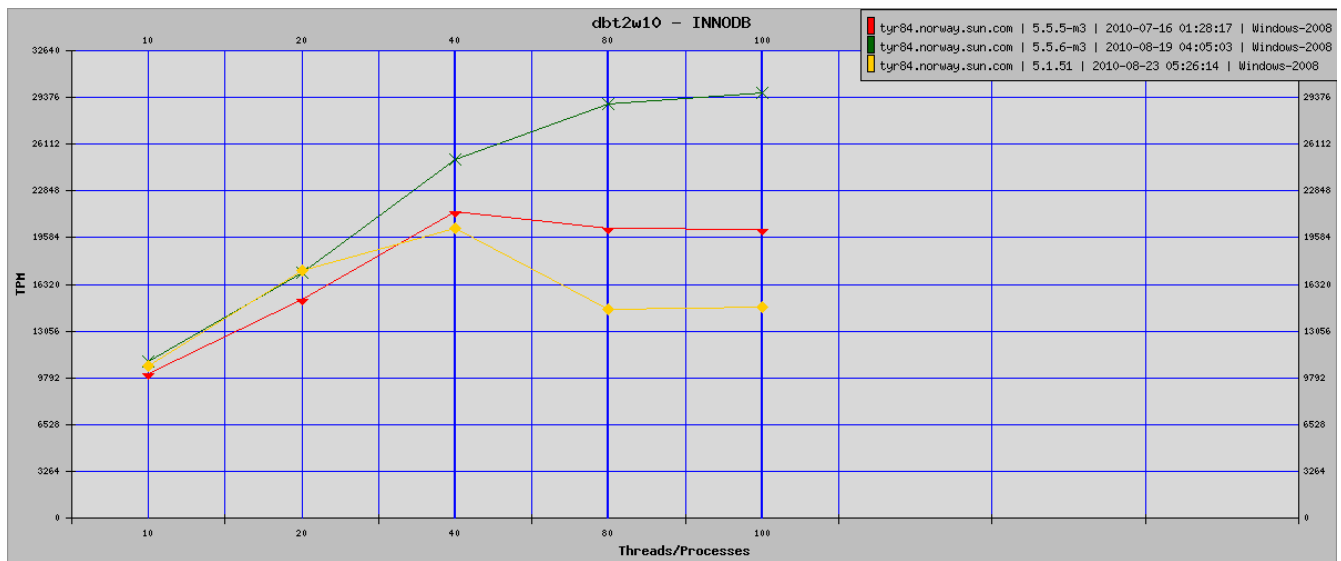
OS: Windows-2008

Host: tyr84.norway.sun.com

Arch: x64

Mem: 8191MB

CPU 8XIntel64Family6Model23Stepping6GenuineIntel~3166Mhz

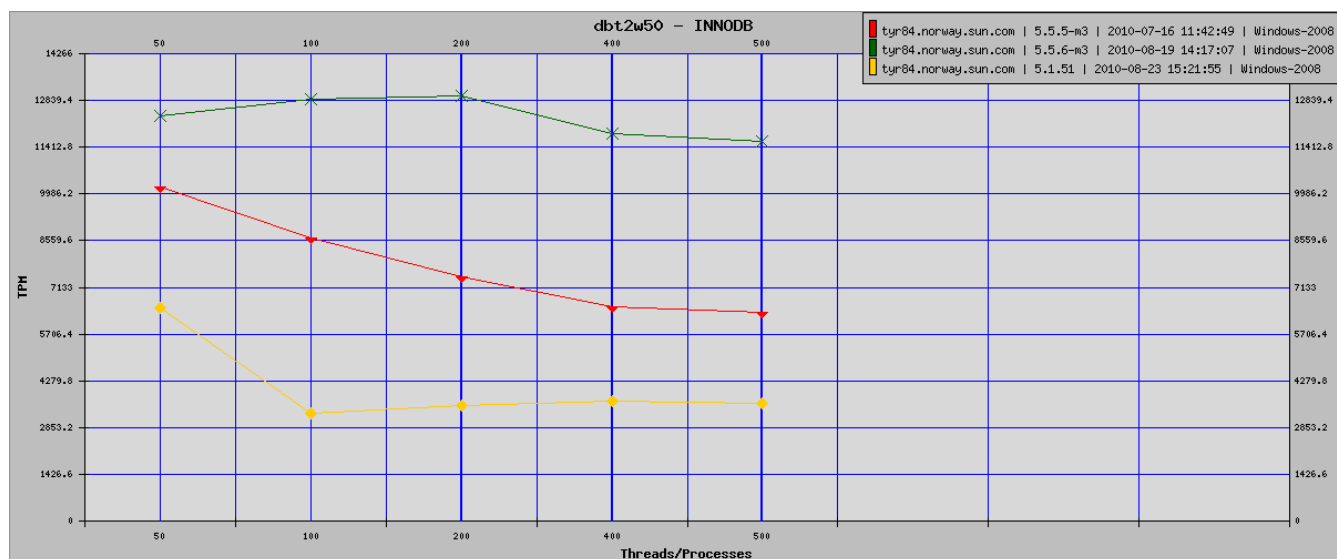


Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 01:28:17 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-19 04:05:03 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-23 05:26:14 Windows-2008
Threads	Values in TPM	Values in TPM	Values in TPM
10	10062.31	10922.22	10584.72
20	15265.97	17099.04	17270.15
40	21431.2	25069.97	20207.63
80	20245.44	28886.46	14590.46
100	20119.53	29672.03	14705.15

MySQLD Configuration:

```
[mysqld]
sql-mode="NO_ENGINE_SUBSTITUTION"
user=root
port=3306
max_connections=500
max_connect_errors=50
table_cache=2048
transaction_isolation=REPEATABLE-READ
loose-skip-locking
loose-skip-external-locking
innodb_status_file=0
innodb_file_per_table=1
innodb_data_file_path=ibdata1:200M:autoextend
innodb_buffer_pool_size=4G
innodb_additional_mem_pool_size=20M
innodb_log_file_size=650M
innodb_log_files_in_group=2
innodb_log_buffer_size=16M
innodb_support_xa=0
innodb_doublewrite=1
innodb_thread_concurrency=0
innodb_flush_log_at_trx_commit=1
disable-log-bin
innodb_support_xa
query-cache-size=0
query-cache-type=0
#Comment flush if using for Windows
innodb_flush_method=O_DIRECT
```



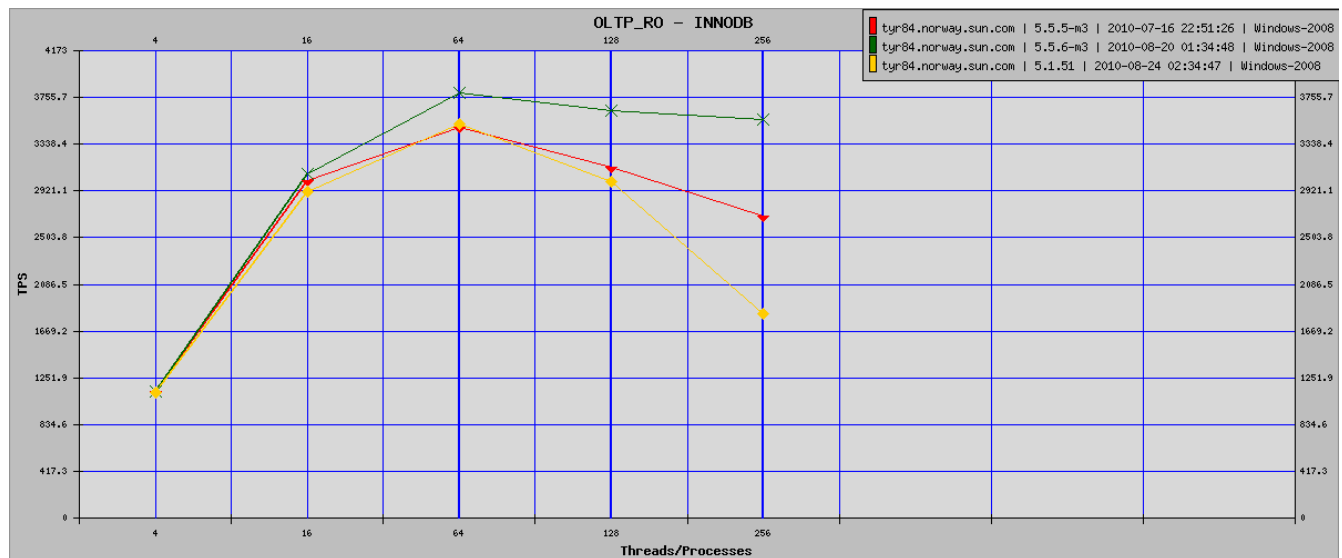
Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 11:42:49 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-19 14:17:07 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-23 15:21:55 Windows-2008
Threads	Values in TPM	Values in TPM	Values in TPM
50	10198.47	12375.37	6521.95
100	8625.82	12874.75	3272.15
200	7457.93	12968.84	3518.58
400	6528.85	11838.75	3651.34
500	6367.02	11593.45	3586.32

MySQLD Configuration:

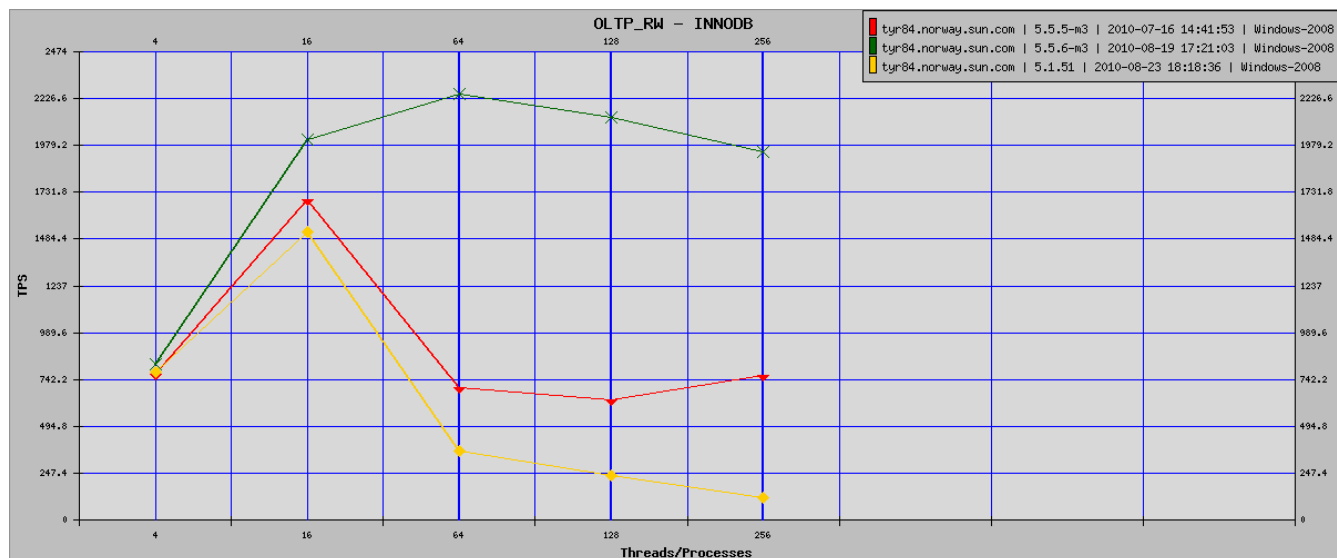
```
[mysqld]
sql-mode="NO_ENGINE_SUBSTITUTION"
user=root
port=3306
max_connections=500
max_connect_errors=50
table_cache=2048
transaction_isolation=REPEATABLE-READ
loose-skip-locking
loose-skip-external-locking
innodb_status_file=0
innodb-file-per-table=1
innodb_data_file_path=ibdata1:300M:autoextend
innodb_buffer_pool_size=3G
innodb_additional_mem_pool_size=20M
```

innodb_log_file_size=650M
 innodb_log_files_in_group=2
 innodb_log_buffer_size=16M
 innodb_support_xa=0
 innodb_doublewrite=1
 innodb_thread_concurrency=0
 innodb_flush_log_at_trx_commit=1
 disable-log-bin
 innodb_support_xa
 query-cache-size=0
 query-cache-type=0
 #Comment flush if using for Windows
 innodb_flush_method=O_DIRECT



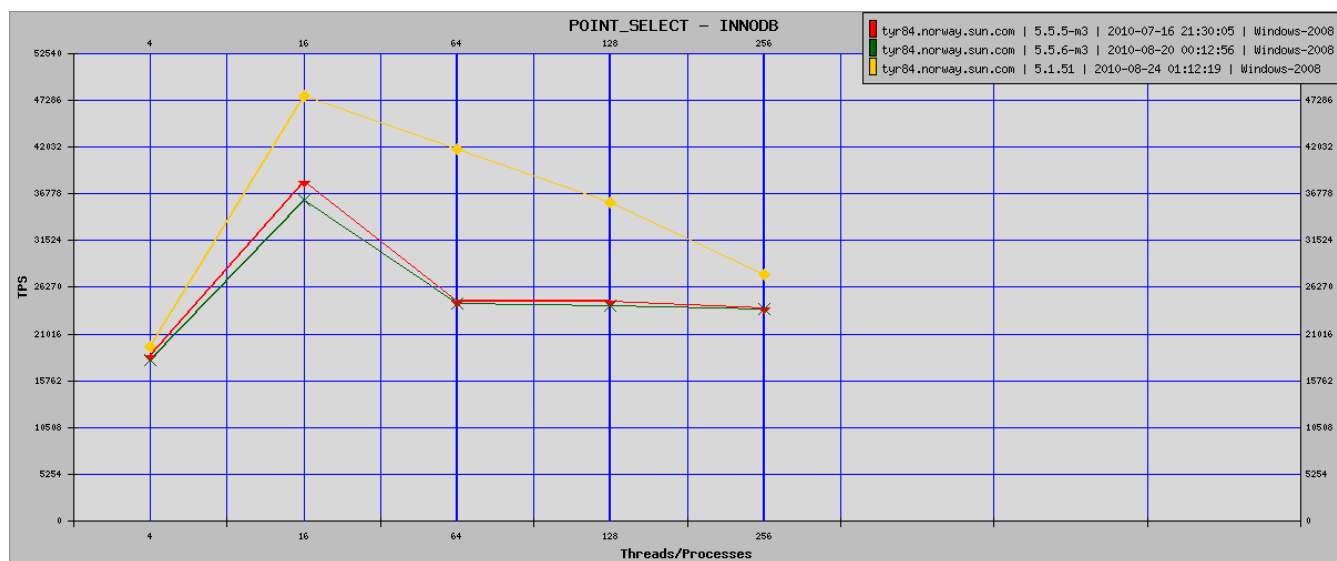
Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 22:51:26 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-20 01:34:48 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-24 02:34:47 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	1128.59	1128.96	1116.6
16	3011.71	3069.81	2911.52
64	3486.62	3792.77	3519.94
128	3134.15	3639.6	3004.42
256	2697.92	3561	1828.12

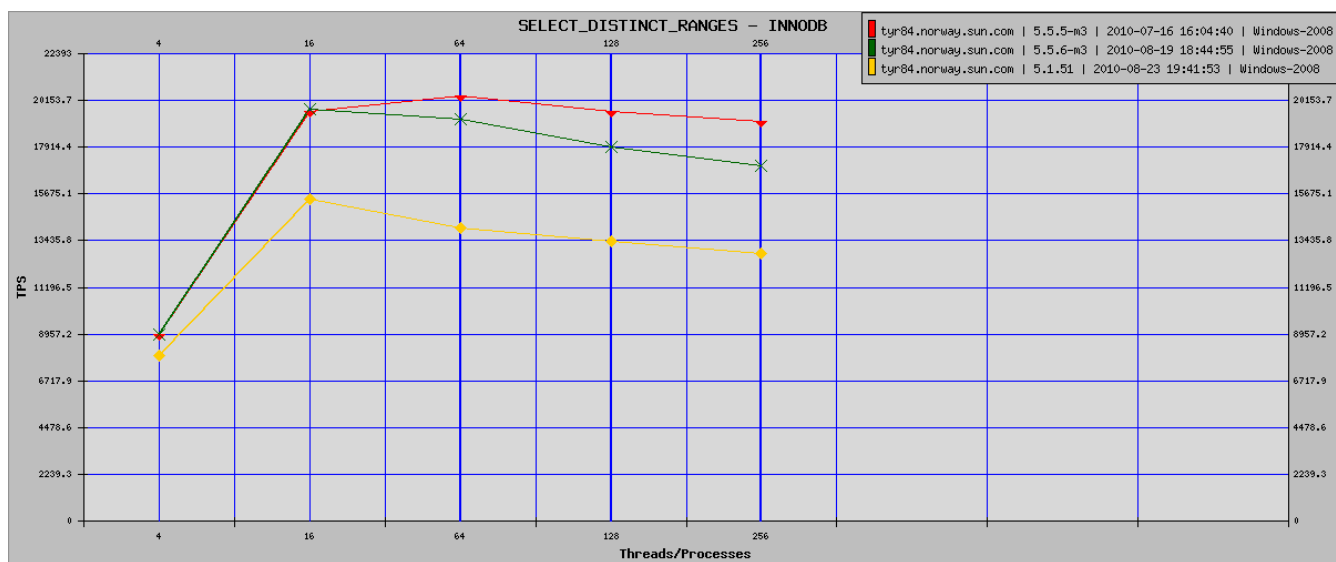


Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 14:41:53 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-19 17:21:03 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-23 18:18:36 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	767.08	824.52	779.08
16	1692.01	2012.06	1522.44
64	701.02	2248.76	362.61
128	635.97	2129.62	235.9
256	765.96	1943.06	119.3

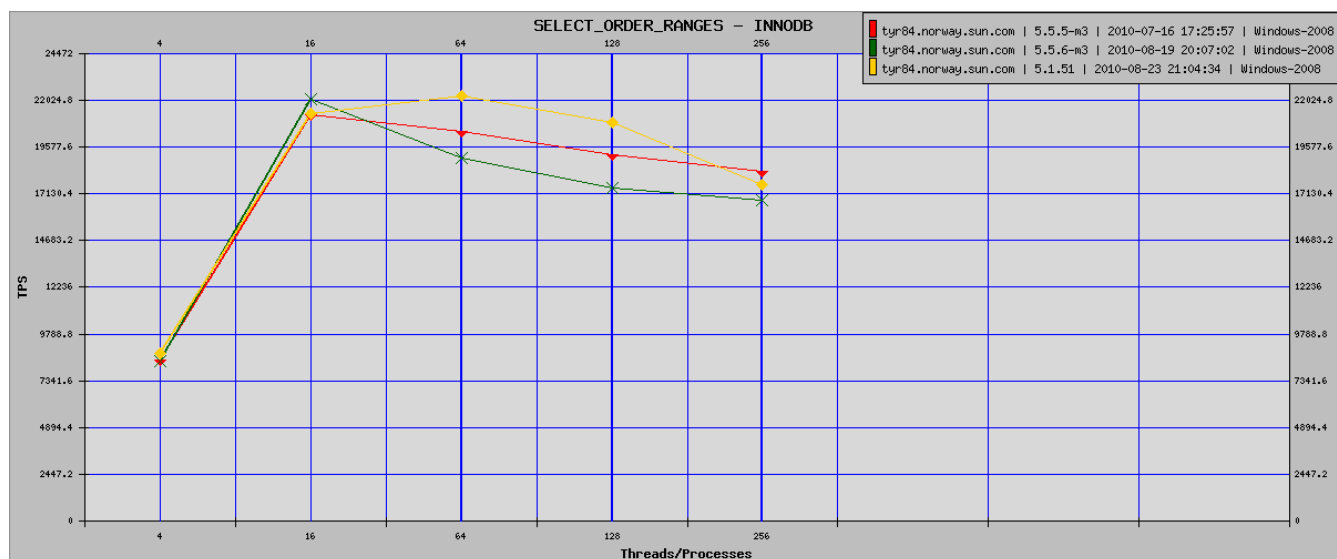


Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 21:30:05 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-20 00:12:56 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-24 01:12:19 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	18621.81	18123.53	19643.03
16	38159.89	36126.44	47762.94
64	24769.41	24458.9	41855.96
128	24664.1	24228.28	35879.1
256	23984.38	23792.05	27758.4



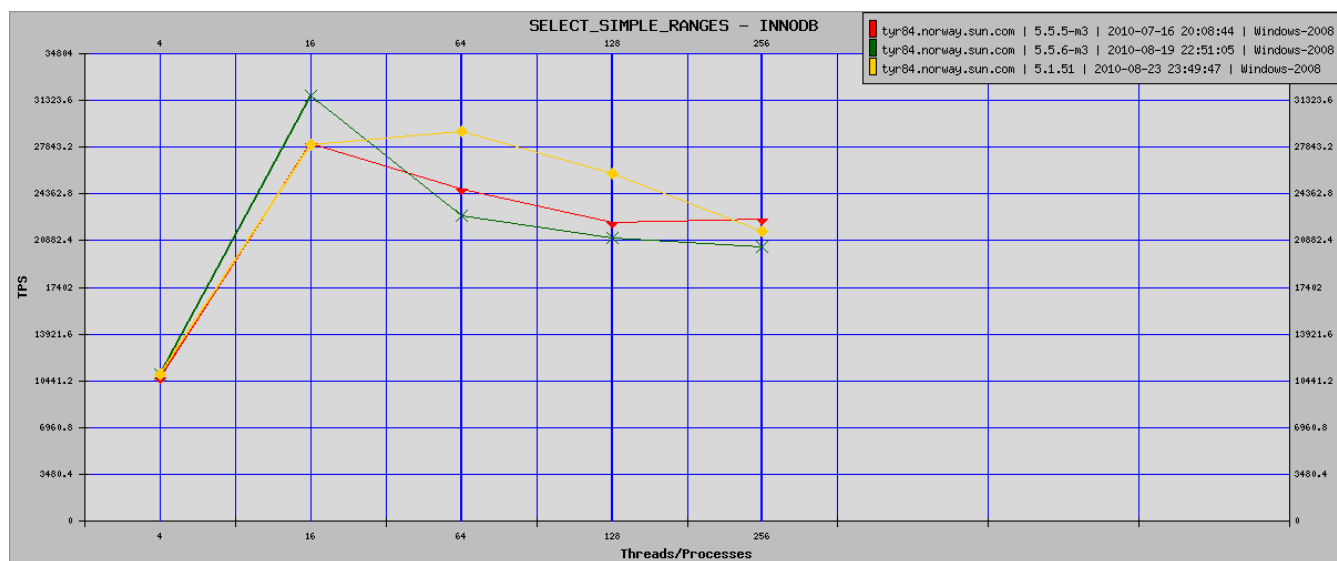
Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 16:04:40 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-19 18:44:55 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-23 19:41:53 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	8955.26	8940.44	7919.72
16	19624.59	19739.78	15425.82
64	20356.84	19258.92	14020.78
128	19646.65	17900.08	13413.89
256	19123.69	17034.61	12797.18



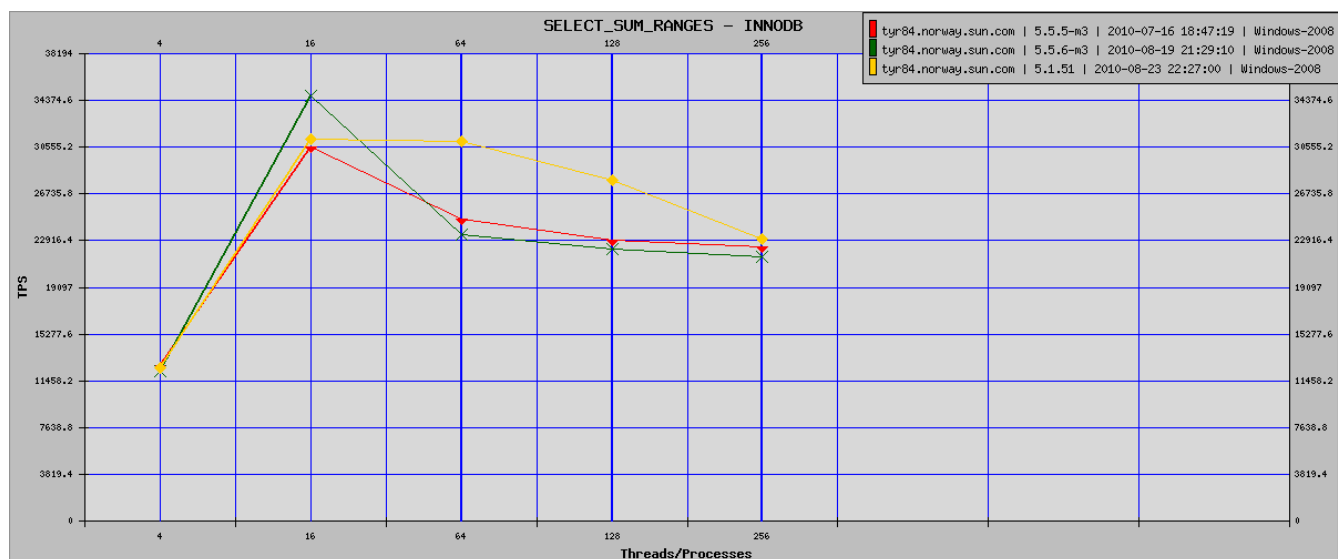
Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 17:25:57 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-19 20:07:02 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-23 21:04:34 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	8421.24	8343.83	8767.94
16	21292.8	22104.47	21334.83
64	20387.98	19019.9	22247.01
128	19191.59	17414.11	20855.16
256	18305.97	16776.54	17599.53



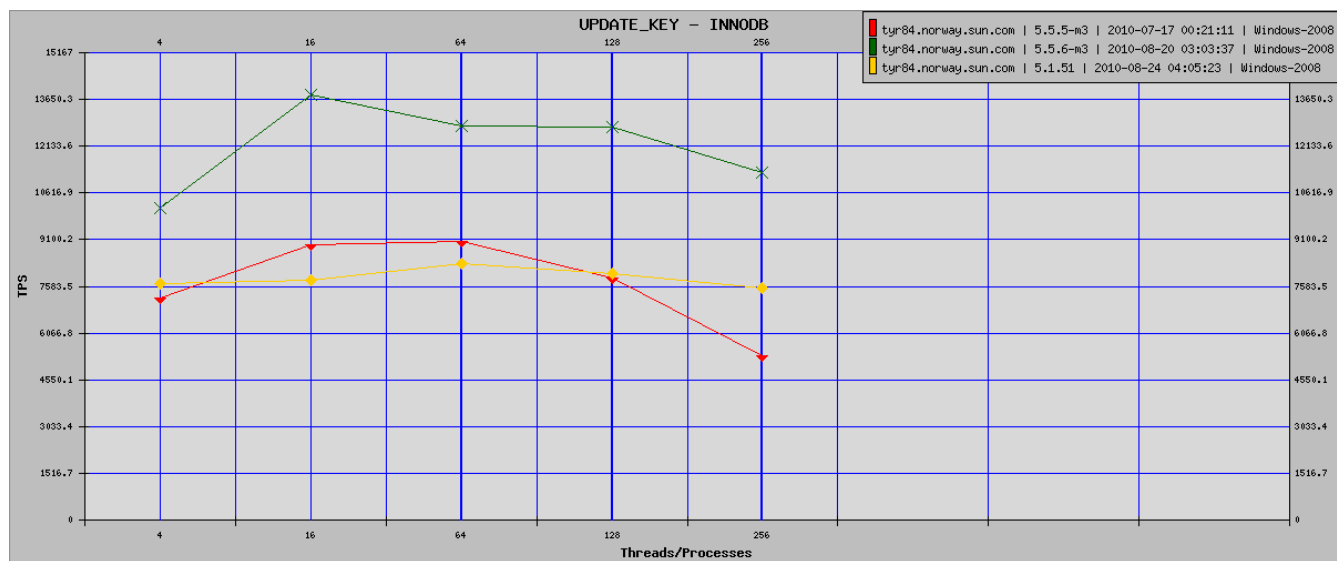
Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 20:08:44 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-19 22:51:05 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-23 23:49:47 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	10624.48	10885.38	10929.08
16	28114.46	31639.53	28041.56
64	24681.95	22701.8	29050.12
128	22221.42	21040.95	25914.56
256	22506.04	20434.69	21603.01



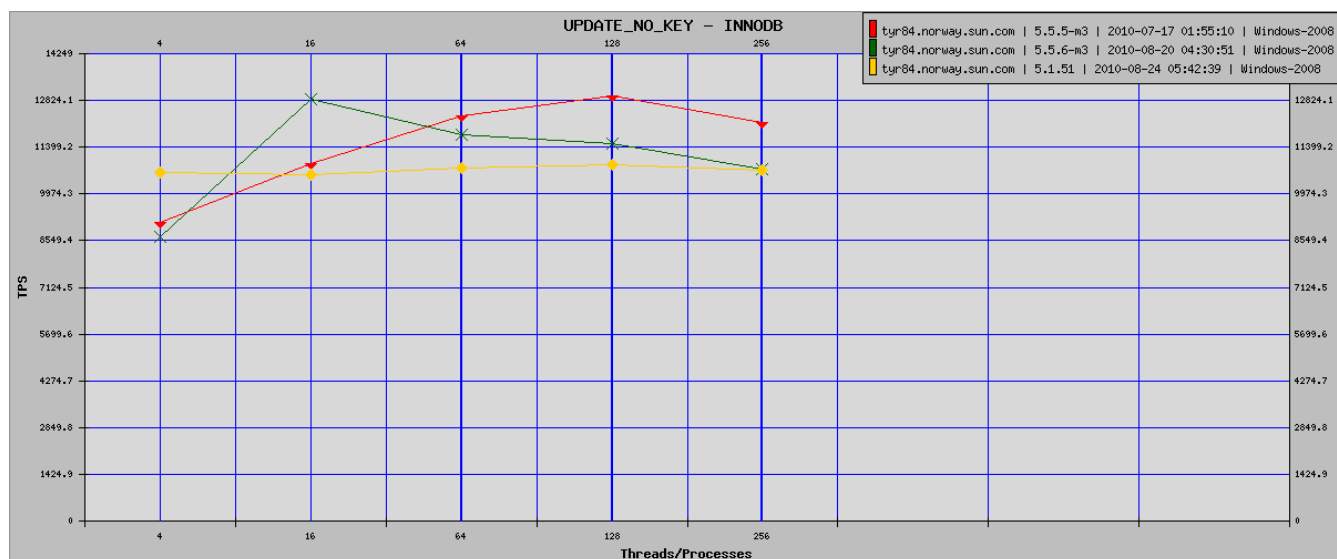
Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-16 18:47:19 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-19 21:29:10 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-23 22:27:00 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	12686.6	12216.51	12484.68
16	30569.5	34721.68	31167.03
64	24675.48	23369.98	31049.1
128	22942.6	22254.49	27870.52
256	22429.8	21612.77	23001.39



Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-17 00:21:11 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-20 03:03:37 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-24 04:05:23 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	7198.45	10116.37	7671.41
16	8940.69	13788.09	7774.63
64	9028.76	12792.65	8332.42
128	7841.21	12767.11	8011.6
256	5347.09	11286.6	7531.74



Detailed Results

Runs -->	tyr84.norway.sun.com 5.5.5-m3 2010-07-17 01:55:10 Windows-2008	tyr84.norway.sun.com 5.5.6-m3 2010-08-20 04:30:51 Windows-2008	tyr84.norway.sun.com 5.1.51 2010-08-24 05:42:39 Windows-2008
Threads	Values in TPS	Values in TPS	Values in TPS
4	9115.26	8651.72	10634.57
16	10913.29	12863.37	10571.32
64	12343.57	11782.57	10771.13
128	12952.81	11503.14	10871.12
256	12156.01	10731.31	10701.29

Configuration sysbench innodb

```
[mysqld]
sql-mode="NO_ENGINE_SUBSTITUTION"
user=root
port=3306
max_connections=500
max_connect_errors=50
table_cache=2048
transaction_isolation=REPEATABLE-READ
loose-skip-locking
loose-skip-external-locking
innodb_status_file=0
```

```
innodb-file-per-table=1
innodb_data_file_path=ibdata1:200M:autoextend
innodb_buffer_pool_size=4G
innodb_additional_mem_pool_size=20M
innodb_log_file_size=650M
innodb_log_files_in_group=2
innodb_log_buffer_size=16M
innodb_support_xa=0
innodb_doublewrite=1
innodb_thread_concurrency=0
innodb_flush_log_at_trx_commit=1
disable-log-bin
innodb_support_xa
query-cache-size=0
query-cache-type=0
#Comment flush if using for Windows
innodb_flush_method=O_DIRECT
```