MySQL数据库检测报告

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检测对象：101.132.65.25
检测开始时间：2018-01-02 10:31:54
检测结束时间：2018-01-02 10:31:54

MySQL数据库信息报告

数据库基本状态信息：

MySQL Version : 5.6.29-log
Avg_qps : 8.34
Total Questions : 135809
Threads Connected : 6

1. 库的数据量和索引量统计

total_size_gb	index_size_gb	data_size_gb	perc_index	perc_data
3.3311	1.1504	2.1807	35.00	65.00

2. 库的数据量和索引量统计

table_schema	data_length_MB	index_length_MB
zeji_crm	2226.36	1177.27
zeji_crm_log	3.53	0.36
mysql	2.23	0.10
zentao	0.83	0.25
walle	0.11	0.00
information_schema	0.00	0.01
performance_schema	0.00	0.00

3. 表的数据量和索引量，行数统计前十

table_schema	table_name	TABLE_ROWS	data_length_MB	index_length_MB
zeji_crm	T_CUSTOMER_FOLLOW	1897720	938.00	0.00
zeji_crm	tb_customer_follow	2028063	601.05	1063.75
zeji_crm	T_CUSTOMER	356307	340.50	0.00
zeji_crm	tb_customer	367989	194.77	52.13
zeji_crm	tb_customer_copy	404352	121.69	41.09
zeji_crm	tb_tongji_user_customer_follow_day	98990	14.55	15.55
zeji_crm	T_CONTRACT_ORDER	5028	9.56	0.00
zeji_crm_log	tb_sys_log	12231	3.52	0.34
zeji_crm	tb_order	5680	2.52	0.14
zeji_crm	tb_tongji_user_customer_day	20580	1.52	3.41

4. 表数据量统计以及不同存储引擎表的数量统计

table_type	engine	num_tables
BASE TABLE	MyISAM	66
BASE TABLE	PERFORMANCE_SCHEMA	52
SYSTEM VIEW	MEMORY	49
BASE TABLE	InnoDB	39
SYSTEM VIEW	MyISAM	10
BASE TABLE	CSV	2

5. 数据和索引量统计和占比

total_size_gb	index_size_gb	data_size_gb	perc_index	perc_data
3.3311	1.1504	2.1807	35.00	65.00

6. innodb存储引擎情况

innodb_total_size_gb	innodb_data_size_gb	innodb_index_size_gb	innodb_perc_index	innodb_perc_data	innodb_perc_total_index	innodb_perc_total_data
3.3293	2.1793	1.15	35.00	65.00	100.00	100.00

7. myisam存储引擎情况

myisam_total_size_gb	myisam_data_size_gb	myisam_index_size_gb	myisam_perc_index	myisam_perc_data	myisam_perc_total_index	myisam_perc_total_data
0.0018	0.0015	0.0003	19.00	81.00	0.00	0.00

MySQL数据库检查专项报告

1. 检查死锁情况

Issue: No deadlock information exists

Category: Deadlock Status

2. 检查innodb行锁等待

Issue: NO Innodb lock information exists

Category: Innodb lock Status

3. 检查慢查询情况

long_query_time: 1.000000

slow_query_log: ON

slow_query_log_file: /usr/local/mysql/log/slow.log

min_examined_row_limit: 0

log_queries_not_using_indexes: ON

slow_queries: 35120

slow_query_ratio: 0.258598472855

Issue: You have 35120 out of 135809 ,that take longer than 1.000000 sec. to complete

Category: Slowlog Status

Description: Slow query ratio needs to be optimized.

Reference: https://dev.mysql.com/doc/refman/5.7/en/server-status-variables.html#statvar_Slow_queries

Solution: Depending on your job role (developer, DBA, or a combination of both), you might optimize at the level of individual SQL statements, entire applicati

4. 检查失败连接的比率

Issue: Ratio of Aborterd Connections is ok.

Category: Connection Status

5. 检查最大连接数占比

Current max_connections: 151.0

Current Threads_connected: 6.0

Historic Max_used_connections: 11.0

Percentagte, The number of used connections is: 7

Issue: max_connections configure is ok.

Category: Connection Status

6. 检查binlog情况

log_bin: ON

binlog_format: ROW

sync_binlog: 0

expire_logs_days: 10

Issue: sync binlog is not 1

Category: Binlog Status

Description: Binary format shoud be Row ;Binary log is being synced to disk at each write.; expire_logs_days should be seted.

Reference: http://dev.mysql.com/doc/refman/5.7/en/binary-log.html

Solution: Enable the binary log by adding the entry 'log-bin' in mysql configuration file.

7. 检查innodb情况

innodb_flush_log_at_trx_commit: 1

innodb_doublewrite: ON

tx_isolation: REPEATABLE-READ

innodb_lock_wait_timeout: 50

Issue: innodb status seems to be fine.

Category: Innodb Status

8. 检查临时表使用情况

real_tmp_table_size: 16777216

Created_tmp_disk_tables: 33162

Created_tmp_files: 16

Created_tmp_tables: 66843

tmp_table_raito: 0.5

Issue: Of 66843 temp tables, 33162 were created on disk

Category: Table Scans Status

Description: Perhaps you should increase your tmp_table_size and/or max_heap_table_size

Reference: https://dev.mysql.com/doc/refman/5.7/en/server-status-variables.html#statvar_Created_tmp_disk_tables

Solution: When optimizing query statements, avoid using temporary tables, and if you can't avoid them, ensure that these temporary tables are in memory.

9. 检查open table的情况

table_open_cache: 400

Open_tables: 384

Opened_tables: 7036

table_cache_hit_rate: 0.05

table_cache_fill: 1e+00

Issue: You should probably increase your table_open_cache

Category: Open Table Status

Description: Perhaps you should increase your table_open_cache

Reference: https://dev.mysql.com/doc/refman/5.7/en/server-status-variables.html#table__open_cache

Solution: You should probably increase your table__open_cache.

10. 检查进程使用情况

thread_cache_size: 768

Threads_created: 11

Threads_cached: 5

historic_threads_per_sec: 0

current_threads_per_sec: 0

Issue: Your thread_cache_size is fine.

Category: Open Table Status

11. 检查查询缓存是否关闭

query_cache_type: OFF

Issue: query cache is ok

Category: Caches

12. 检查排序缓存使用情况

sort_buffer_size: 4M

read_rnd_buffer_size: 4M

Sort_merge_passes: 0

Sort_scan: 672

Sort_range: 5057

total_sorts: 5729

passes_per_sort: 0.0

Issue: Sort buffer seems to be fine

Category: Caches

13. 检查join缓存使用情况

Select_full_join: 199

Select_range_check: 0

join_buffer_size: 260K

Issue: Your joins seem not to be using indexes properly

Category: Caches

Description: You have had 0 joins without keys that check for key usage after each row

Reference: https://dev.mysql.com/doc/refman/5.7/en/server-status-variables.html#sort_buffer_size

Solution: You should enable log-queries-not-using-indexes. Then look for non indexed joins in the slow query log. If you are unable to optimize your queries yo

14. 检查打开的文件数情况

open_files_limit: 65535

Open_files: 68

open_files_ratio: 0.00103761348898

Issue: Your open_files_limit value seems to be fine.

Category: Caches

The END