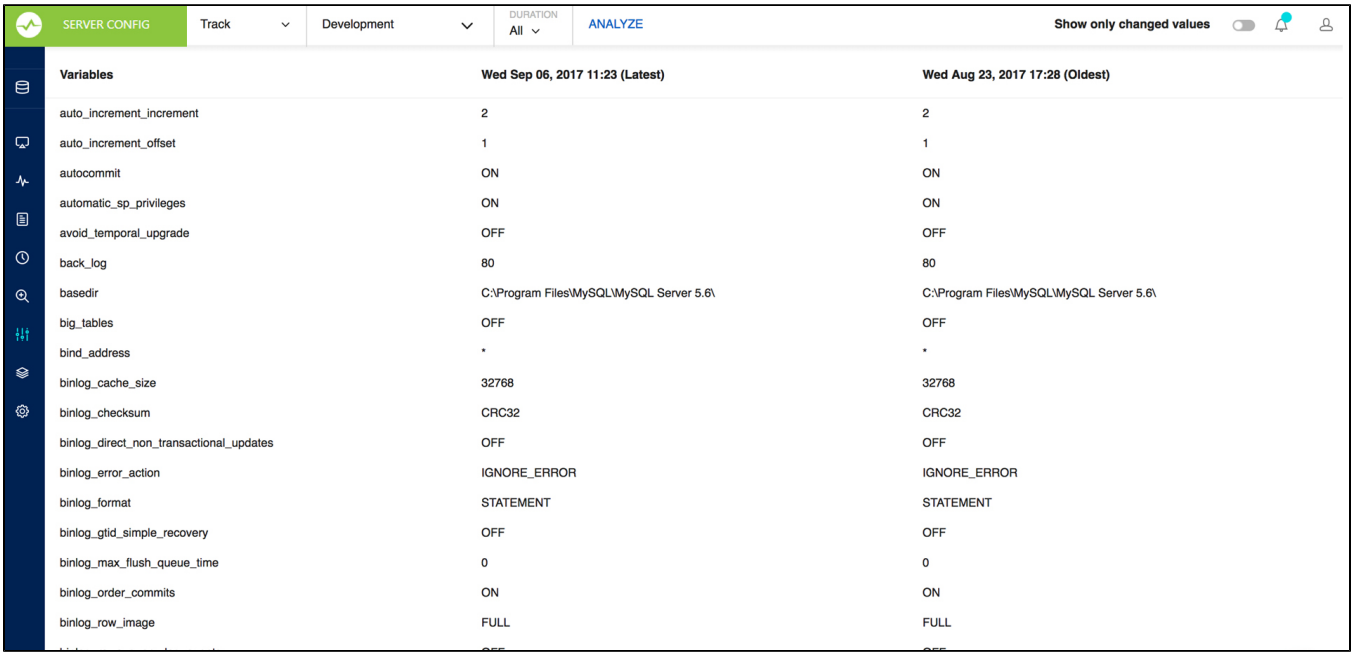
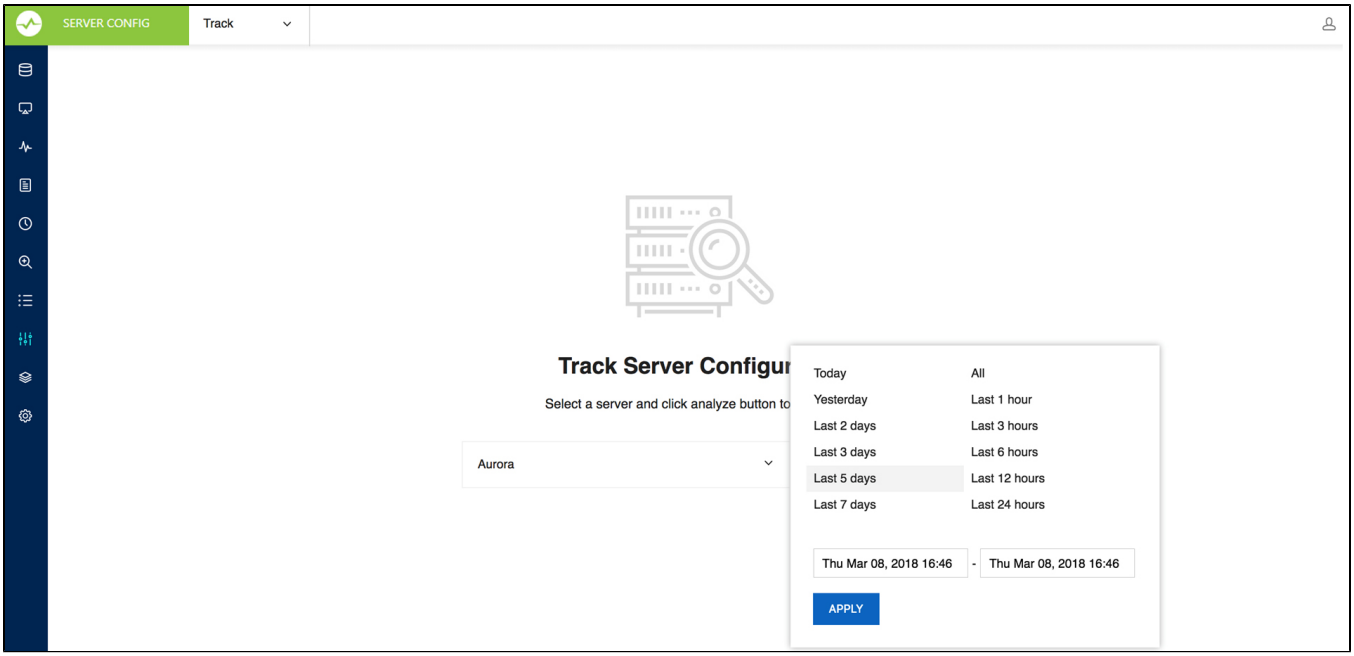
Track Configuration Changes

Track Configuration Changes is version control for your MySQL server Global Variables. SQL DM for MySQL tracks changes to global configuration no matter if the configuration parameters were specified in my.ini/my.cnf, are server defaults or if somebody with SUPER privilege has executed a SET GLOBAL statement. If you notice your MySQL server performance degraded from the last time you checked, you can track, and compare changes in the configuration file to determine whether a change in the Global Variables has brought about this degradation.

To view data for a server, select the server from the drop-down menu and click **ANALYZE**. All timestamps when changes were detected are listed in the drop-down with the latest timestamp and oldest timestamp compared by default.



Variables	Wed Sep 06, 2017 11:23 (Latest)	Wed Aug 23, 2017 17:28 (Oldest)
auto_increment_increment	2	2
auto_increment_offset	1	1
autocommit	ON	ON
automatic_sp_privileges	ON	ON
avoid_temporal_upgrade	OFF	OFF
back_log	80	80
basedir	C:\Program Files\MySQL\MySQL Server 5.6\	C:\Program Files\MySQL\MySQL Server 5.6\
big_tables	OFF	OFF
bind_address	*	*
binlog_cache_size	32768	32768
binlog_checksum	CRC32	CRC32
binlog_direct_non_transactional_updates	OFF	OFF
binlog_error_action	IGNORE_ERROR	IGNORE_ERROR
binlog_format	STATEMENT	STATEMENT
binlog_gtid_simple_recovery	OFF	OFF
binlog_max_flush_queue_time	0	0
binlog_order_commits	ON	ON
binlog_row_image	FULL	FULL

The time-frame can be changed and the respective changes to the configuration are displayed. To track changes between two timestamps select the original timestamp on the left drop-down menu. Next, select the timestamp to compare with from the right drop-down menu, enable the **Show only changed values** toggle-bar, which hides all values that have not changed between the two timestamps.