

Buffer pool size: 16.0000 GB

Query		Before	After
ID	Optimization Method	Optimization (ms)	Optimization (ms)
Q1	using nested loop join index on screen name	650.2	319
Q2	using nested loop join index on screen name, tid and thashtagname(non-unique)	359.4	190.6
Q3	already optimum	2653.8	2653.8
Q6	used find_in_state in select and using nested loop join indexes on tid and screen name	2650	668.8
Q10	used find_in_state in select and using nested loop join indexes on tid and screen name	189000	712.2
Q15	already optimum	684.2	684.2
Q23	used find_in_state in select and using nested loop join indexes on screen_name and hashtag	14656.4	500.2
Q27	using inner join using nested loop join and index on user screen name	8631.2	721.8