Query with suboptimal plan causing blocking

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Issue

Slow performance due to the existence of blocking chains.

Investigation/Analysis

When looking into the lead blocker, you might find that the plan never changed (check recompile Kusto queries). In other words, there is no change of plan that might explain why the query suddenly started to perform poorly.

Also, you might find that updating statistics will not result on a plan recompilation.

Looking at **MonWiQdsExecStats** you will notice that the plan is being forced.

```
MonWiQdsExecStats
| where LogicalServerName == ""
| where query_hash == ""
| project TIMESTAMP, query_hash, plan_id, forced_plan_id, plan_forcing_type
```

Mitigation

After disabling force plan the query picked up a new execution plan.

Note that, even if a plan is forced at some point in time, given the new distribution of data the plan that has been forced might not be ideal for the new situation. Forced plans must be reviewed by customer from time to time.

Internal reference

339552598 ⬏

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