

Tumbling Window(TW) trigger Start time update

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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Issue

Scenario 1 - Customer is unable to update start time of the TW

Scenario 2 - TW(after recreated) executes the windows from the past that have already been executed resulting in duplicate data

Resolution

Scenario 1 - This (block) is by design. Start time of TW is not updatable.

Scenario 2 - This issue happens when a TW is deleted and created(with the same name) again with the same start time like the deleted trigger. This happens because deleted trigger loses state of windows. Though the new trigger has the same name its like a brand new trigger created afresh and starts executing the windows from the start time. Since the new start time is the same start time like in the old trigger, all those windows from that time are executed by the new trigger and causes the duplication in the data. To avoid this issue workaround is:

If the customer wants the trigger to have start time from an older date - then have him/her create a new trigger with start time = new older date and end time as start time of existing trigger

If the Customer wants the trigger to move the start time to a later date in future - then have him/her stop the current trigger and create a new trigger with the future start time.

Additional Information:

- **Icm References:**
- **Author:**
- **Reviewer:** vimals
- **Keywords:**

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