

Tumbling Window Trigger with cyclic dependency

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Issue

Customer deploying the Tumbling window(TW) trigger via PowerShell.

The scenario is, there are 3 tumbling window triggers T0,T1 and T2. Below is the trigger with its dependency trigger. T0 -> T2 T1 -> T0 T2 -> T1

While deploying the trigger(T2), getting below exception: **Error Message: The document creation or update failed because of invalid reference 'T1'.**

Mentioned that as this is a cyclic dependency, each trigger is dependent on a Non-deployed trigger.

Eg:

If we tried to deploy T0, it is dependent on T2

If try to deploy T2, it is dependent on T1


If try to deploy T1, it is dependent on T0

Resolution

We don't support cyclic dependency with Triggers. Customer should redesign his logic for trigger execution.

To give an example why cyclic dependency will not work, If A depend on B, and B depend on A, then at the start point, there is no run can start, all the trigger run will stuck on waiting on dependency. So we don't support this feature. Please give us more information why customer need a cyclic dependency.

Additional Information:

- **Icm References:** [Icm Link](#) 
- **Author:** vimals
- **Reviewer:** vimals
- **Keywords:**

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