

Event trigger is not working when new file uploaded by the Teradata Parallel Library (TPT) tool

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

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Issue

Customer has configured the event based trigger for ADF. They are having Teradata Parallel library (TPT) tool by which they are uploading the new file in the ADLS Gen 2 storage account. The file is getting created in the storage account but event trigger is not executing.

But when he manually copy paste the same file in the same location manually then event trigger is executing.

So the files which automatically getting created by TPT tool is not triggering the event trigger.

Investigation

We validated the blob size was not of 0 KBs and tool was creating the file in the location specified in the trigger definition.


Resolution

This is a problem with the TPT tool.

When a BlogTrigger is created, ADF will create an EventGrid subscription with the storage account. Once a blob is created, storage team will raise an event that will reach ADF and trigger the execution. Storage team will raise events based on the API calls that are being invoked when the blob is created. In particular the Flush API is needed to complete the blob creation. If the tool is not invoking the correct APIs, storage team will not raise the event and there is nothing we can do on ADF side.

Customer should investigate his application and ensure that it's calling the Flush API to create an event to the Event Grid.

Additional Information:

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

- **Reviewer:** vimals
- **Keywords:**

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