

Event Trigger Issues

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

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Issue

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Resolution

1. Event trigger firing multiple times. This happens when Azure Storage generates multiple events for the upload of a single file. Storage provides multiple APIs to create/upload a BLOB. **Generation of multiple events totally depends on how the file has been uploaded to Azure Storage.**

If the file has been uploaded using BlockBlob method then it usually fires one event and in this case the user will not see trigger firing multiple times.

Some APIs use CreateFile (which creates a placeholder) first and when the content is written then they call FlushWithClose. This method may generate two events one for CreateFile (which is for a file with zero byte size) and another for FlushWithClose (this is when the file is actually created). This applies to ADLS Gen2 storage account. If the customer is using ADLS Gen2 storage and meets this issue, try using "ignoreEmptyBlobs = true". More info included in ADLS Gen2 API and see "close" parameter under URI Parameters : <https://docs.microsoft.com/en-us/rest/api/storageservices/datalakestoragegen2/path/update>

In this case user may see trigger firing multiple times for a single file upload.

Solution: If customer is seeing multiple events being generated for a single file upload, then they can ignore the events for EmptyBlob by setting "ignoreEmptyBlobs = true" in the trigger definition.

ADF UX has already done the change to set "Ignore empty blobs" as default option

2. Event trigger does not work for a newly created (or modified) EventTrigger and only works when the trigger is restarted.

We have identified this as a bug in our code. The code change is done and is being deployed. ETA: 12/09/2019 (December 9th)

Workaround: After creating/modifying trigger, stop and then start the trigger again.

3. Even trigger does not work when the file is copied using ADF pipeline (Copy activity).

We have identified this as a bug in our code. The code change is done and is being deployed. ETA: End of next week (December 13th)

Workaround: If customer is facing this issue then they may set **"ignoreEmptyBlobs = false"** in the trigger definition. Do remember that doing this may cause trigger to fire multiple times and should only be used if the customer is completely blocked and cannot wait till we fix the issue.

[illegible]

Additional Information:

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

How good have you found this content?

