Power Query TiP failures

Last updated by | Ranjith Katukojwala | Mar 7, 2023 at 11:35 AM PST

Issue

Troubleshoot Power Query Tip failure issues

Steps

1. Get the pipeline run Id from the tip logs

2. Get the activity Run ID for the corresponding pipleineRunID

```
ActivityRuns
| where pipelineRunId =""
```

3. Get the TraceCorrelationId based on ActivityRunID

```
AdfTraceEvent
| where Message  contains "468401e3-a48b-476c-bf6c-cc030482396e"
```

4. Use the tracecorrelation id to look for errors in AdfTraceEvents

```
AdfTraceEvent
| where env_time  > ago(3h)
| where TraceCorrelationId  == "tracecorrelationid"
```

There are two categories of failures

- Requests to power query are failing – UpdateAndEvaluatePQAsync, EvaluatePQAsync.

  If we are getting error response from PQ, you can request assistance from PQ on call team below.

  ```
  Power Query Online\On-Call Engineers
  ```

- Spark job execution is failing , job url as below. Get access to workspace subscription using AME account to look at cluster logs. https://microsoft.sharepoint.com/teams/AzureDataFactory/_layouts/15/Doc.aspx?sourcedoc={ec8bc5ca-bae3-4656-81df-cfd7cc44a482}&action=edit&wd=target(Azure IR.one|928feb65-eeef-4e32-8dd0-2c9537ce4570%2FSubscription List|cfcc5d5a-2da4-404d-b3a0-b598b0c1cfba%2F) ⧉

DataflowHandler.GetOutputFromSparkRunAsync - activityRunId: 468401e3-a48b-476c-bf6c-cc030482396e, sparkRunId: 21520 - started.
Enter SafeDecryptToken
Leave TryDecryptToken
SparkClusterInfo successfully used to get DataBricksAuthenticationInfo
DataflowHandler.GetDataFlowRunStatusAsync - sparkRunId: 21520, databricksAuthenticationInfo: https://eastus.azuredatabricks.net, systemProper...
Start - DatabricksJobStatusHandler.GetRunStatus
Enter ConvertToDatabricksToken
Leave ConvertToDatabricksToken with Bearer
GetInvokeAsyncWithHttpResponseMessage calling databricks api: https://eastus.azuredatabricks.net:443/api/2.0/jobs/runs/get?run_id=21520
DatabricksJobStatusHandler.GetRunStatus got run status
DatabricksJobStatusHandler.GetRunStatus finalStateToken is null
DatabricksJobStatusHandler.GetRunStatus runPageUrl https://eastus.azuredatabricks.net/?o=7215907875319807#job/21520/run/1
Stop - DatabricksJobStatusHandler.GetRunStatus
DataflowHandler.GetDataFlowRunStatusAsync - sparkRunId: 21520, databricksAuthenticationInfo: https://eastus.azuredatabricks.net, systemProper...
DataflowHandler.GetDataFlowRunStatusAsync - sparkRunId: 21520, databricksAuthenticationInfo: https://eastus.azuredatabricks.net, systemProper...
DataflowHandler.GetOutputFromSparkRunAsync - activityRunId: 468401e3-a48b-476c-bf6c-cc030482396e, sparkRunId: 21520 - finished.
DataflowHandler.GetDataFlowActivityOutputAsync - activityRunId: 468401e3-a48b-476c-bf6c-cc030482396e, systemProperties: SystemProperties...
ConstructAcceptedHttpResponseMessage. Constructed: Accepted with location https://dmeastus2euap.svc.datafactory.azure.com/workflow/activit...
Stop DataFlowActivityProgress2Async. Returning: Accepted.
FailedSparkRunFilterAttribute.OnActionExecutedAsync - actionContext.ActionArguments: activityRunId: 468401e3-a48b-476c-bf6c-cc030482396e cancellationToken: System.Threading.CancellationToken
Validating Client certificate from request

Additional Information:

- **Icm References**:

- **Author**: svijaya
- **Reviewer**: vimals
- **Keywords**:

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