User is unable to publish an ADF CDC

Last updated by | Noelle Li | Nov 29, 2022 at 2:40 PM PST

Issue

User is unable to publish an ADF CDC.

Root Cause 1

User gets an exception - "Invalid mapping information" in ADF UX. Reason behind this can the pipeline generation failure at backend.

To find root cause, use the following Kusto query:

```
let datafactoryId = toscalar(cluster("adfcus.kusto.windows.net").database('AzureDataFactory').ActivityRuns

| union cluster("adfcus.kusto.windows.net").database("AzureDataFactoryINT").ActivityRuns

| union cluster("adfneu.kusto.windows.net").database("AzureDataFactory").ActivityRuns

| where dataFactoryName == "dfname********"`

| project dataFactoryId

| take 1);

union (cluster("adfcus.kusto.windows.net").database('AzureDataFactory').AdfTraceEvent

| union cluster("adfcus.kusto.windows.net").database("AzureDataFactoryINT").AdfTraceEven

| union cluster("adfneu.kusto.windows.net").database("AzureDataFactory").AdfTraceEvent

| where ComponentId == "ResourceProvider"

| where DataFactoryId == datafactoryId

| where Message has "Transformation pipeline response generated as" and Message has "Exception"

| take 1);
```

Output will give the actual error.

Example: "message": "Exception while generating pipeline using Data Mapping: Error: MappingDirectives must be provided to generate pipelines from mapping "

Resolution

Verify the mappings provided are valid and not null. (Maximum errors will be checked as part of UX validations).

Root Cause 2

Customer tries to publish and gets following error notification in ADF UX. It is likely the user tried to publish ADFCDC in started state.

Error code: Conflict

Inner error code: UpdateADFDataMapperStatusConflict

Message: ADF CDC "adfcdcxxxx" cannot be updated in current status. Error:null

Resolution

Stop the CDC first then try publishing changes.