

[SAP OpenHub]Only partial data are copied from source

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

Contents

- [Issue & Symptoms](#)
- [Troubleshooting](#)
- [Cause](#)
- [Workaround](#)

Issue & Symptoms

Customer use SAP Open Hub connector to copy data, but found only partial packages of the data in the same request id be copied from source.

Troubleshooting

1. Go to SAP system, and read the data from the table `"/BIC/OH{OpenHubDestinationName}"` to get the data.
2. Check the data: suggest to use any of the OHREQUID(request id), then firstly check how many distinct value of "DATAPAKID" exist in this request id. After that, set the filter that "RECORD" = 1, to check whether all the "DATAPAKID" value have a row that "RECORD" = 1,
3. If not all of the "DATAPAKID" value have a row that "RECORD" = 1, it could be identified as this issue, otherwise, they are not related.

Cause

ADF side by default will partition the data by DATAPAKID, and the way to get the partition is by the query like `RECORD EQ '1' AND OHREQUID GT '<baseRequestId>'`, then get the "DATAPAKID" from each rows. If DATAPAKID will start from the RECORD = 1, thus ADF able to get all DATAPAKID and get all the data out. But if each DATAPAKID didn't start from RECORD = 1, for example, for DATAPAKID = 1, the record start from 1, and the first part have 10000 records, then for DATAPAKID = 2, the record start from 10001. In this case, the query `RECORD EQ '1' AND OHREQUID GT '<baseRequestId>'` could only get a single value of DATAPAKID, then only first part be copied.

Workaround

Manually edit JSON payload of your pipeline, go to properties -> activities -> {your copy activity} -> "typeProperties" -> "source", add a flag "forceSequentialRead": true.