[SharePoint Online]Sink columns are not available with Copy activity from SharePoint Online to Blob csv
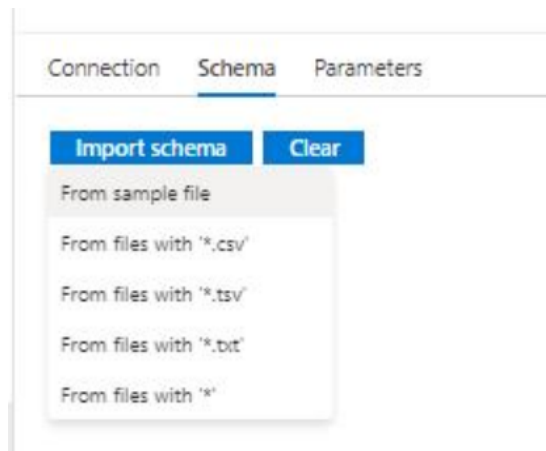
Last updated by | Veena Pachauri | Mar 8, 2023 at 11:10 PM PST
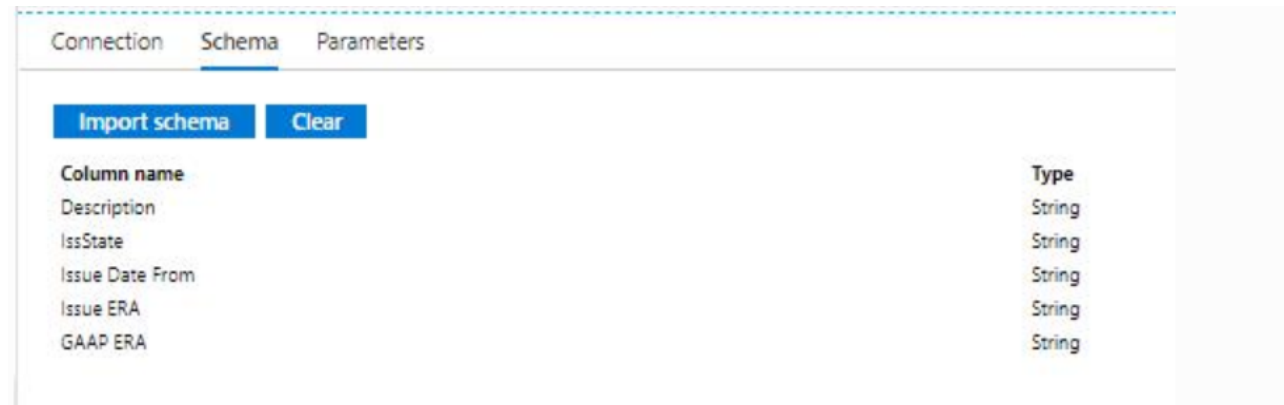
Contents

Issue

Customer have Copy activity from SharePoint Online to Blob csv. The destination file do not exist on sink. Cx specify the schema for the sink csv from a sample file :
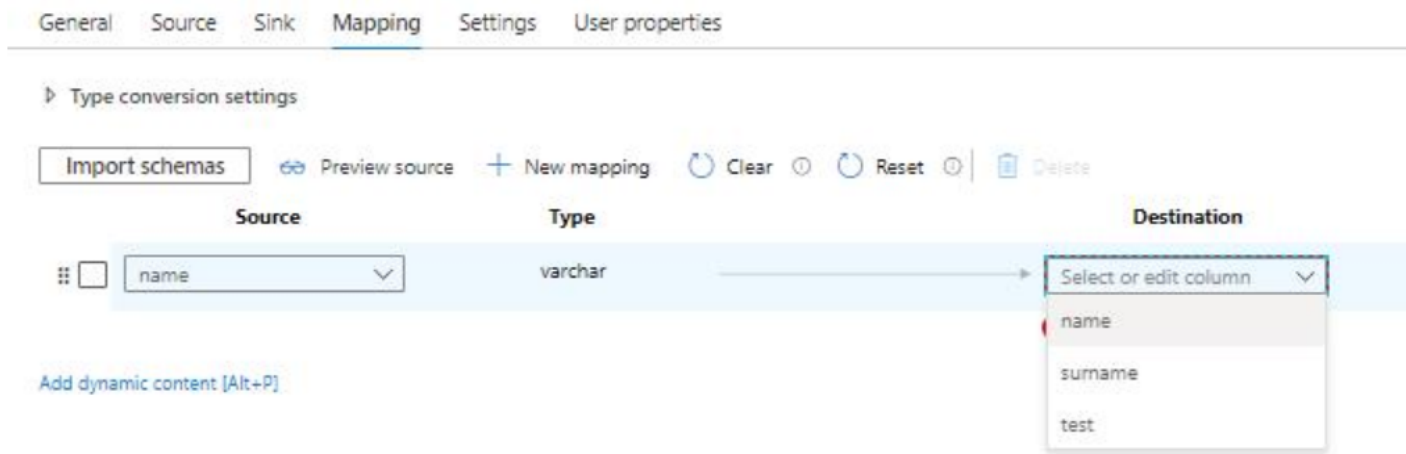

So it would look like this :

But on the mappings on both Source and Destination are only the columns from Source. Sink columns are not available. Tried Import schemas also New mapping, both have same result.

Quick repro on my side :

General   Source   Sink   Mapping   Settings   User properties

▷ Type conversion settings

| Import schemas | 68 Preview source | + New mapping | ⟳ Clear ⓘ | ⟳ Reset ⓘ | 🗑 Delete |

	Source	Type		Destination
∷ ☐	name ⌄	varchar	──────────▸	Select or edit column ⌄
				name
				surname
				test

Add dynamic content [Alt+P]

so i also cannot see the sink columns("Description", "IssState", etc) on destination.

This doc : https://docs.microsoft.com/en-us/azure/data-factory/copy-activity-schema-and-type-mapping ⧉ mention that " If sink doesn't exist, for example, writing to file(s), the source field names will be persisted as sink names."

But customer is telling that this scenario worked before. So is this scenario possible ?

Solution

Tt's a by-design behavior since during copy runtime, sink-side schema setting won't be taking effect, instead, schema mapping rules in copy activity will determine how sink file schema will be like. Furthermore, we automatically set source schema as sink's when sink is a file with the reason that sink file will be anyway overwritten based on column mapping rule settings. In this case, please suggest customer manually updating sink schema name per requirement in mapping change, they don't have to go to JSON editor to perform the change.

Reference

https://teams.microsoft.com/l/message/19:768c7b4fcda64cd3acc29bc91eb98bfc@thread.skype/1605108793760?tenantId=72f988bf-86f1-41af-91ab-2d7cd011db47&groupId=97f0bf0e-fe36-422a-9083-3e59230b5715&parentMessageId=1605108793760&teamName=ADF - CSS Collaboration&channelName=General&createdTime=1605108793760 ⧉