Copy failing due to Xml Validation

Last updated by | Nelson Gomes | Mar 10, 2023 at 12:19 AM PST

Contents

- Description
- Root Cause
- Solution

Description

Copy activity failing with the exception ** Could not find schema information for the element ** while using XML file as a source and validation enabled.

Full error message

ErrorCode=XmlValidationFailed, 'Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException, Message=Schema validation for xml file 'books.xml' failed wit



Root Cause

When enabling validation, we need to refer to the validation file either XSD or DTD in the XML file using a relative path.

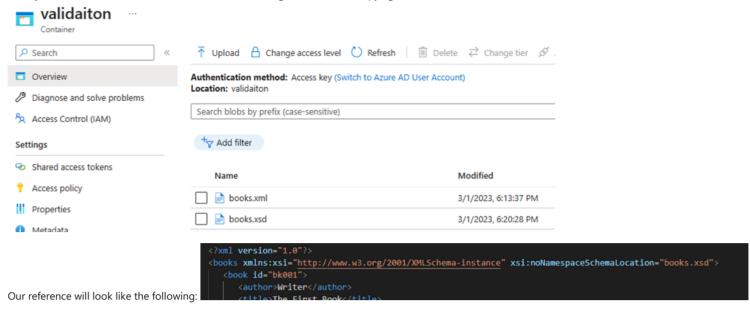
- XML schema validation:
 - You can choose to not validate schema, or validate schema using XSD or DTD.
 - When using XSD or DTD to validate XML files, the XSD/DTD must be referred inside the XML files through relative path.

Doc reference: XML format - Azure Data Factory & Azure Synapse | Microsoft Learn ☑

Solution

To resolve that we need to add the relative path to the validation file in each XML file we are validating. In basic XML file we have:

Example 1: If XML/XSD are on the same container in storage where we are copying from



Which is adding xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance [2" xsi:noNamespaceSchemaLocation="books.xsd" to our file.

Example 2:

If XML and XSD where in different containers on storage considering that the other container name is validation1 the reference path would look like this:

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:noNamespaceSchemaLocation="../validation1/books.xsd"

Where the "../" would mean that we need to go up one level from our directory and move to the next

Note: Having 🛘 the validation file on an external location is not supported it only supported when we have the file on blob along with the XML file

Additional information

- IcM reference:
- Ava:
- Author: mohammadj
- Reviewer: negome
- Keywords: XML, XmlValidationFailed

How good have you found this content?



