

Workaround for Error: "This operation is not permitted on a non-empty directory"

Last updated by | Ranjith Katukojwala | Jul 15, 2022 at 12:33 PM PDT

Error Message:

"org.apache.hadoop.fs.azure.AzureException: com.microsoft.azure.storage.StorageException: This operation is not permitted on a non-empty"

RCA:

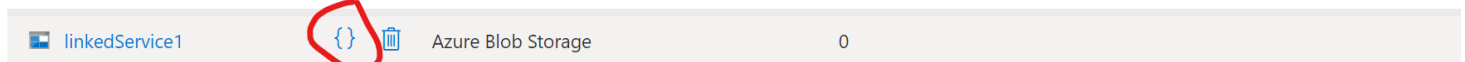
This is a user error. This issue can happen if the customer is referencing a linked service in their DataFlow Pipeline that was configured of type Blob Storage but their storage account is of type Gen2 and that Gen2 storage account has HNS (Hierarchical Namespace) Enabled.

Customer can choose one of the following options to fix this issue

- Create a new linked service with correct storage type and reference it in the places where the incorrectly configured Linked service is being referenced
- [Preferred Option] Update the existing linked service.

Please follow the steps below to update an existing linked service

1. Edit the Linked service JSON by clicking this button right next to Linked Service



2. Change the linked service type from "AzureBlobStorage" to "AzureBlobFs"

```
{
  "name": "linkedService1",
  "type": "Microsoft.DataFactory/factories/linkedservices",
  "properties": {
    "annotations": [],
    "type": "AzureBlobFs",
    "typeProperties": {
      "connectionString": "DefaultEndpointsProtocol=http:",
      "encryptedCredential": "ew0KICAiVmVyc2lvbiI6IClYMDI"
    }
  }
}
```

3. Please note that once they do that they will have to re-enter their credentials and publish their linked service

IMPORTANT NOTE: If customer is unwilling to make this change, as a last resort we can give them one week to make this change, after which their DataFlows will start failing. Please make sure, to not give this option until all other options are exhausted.