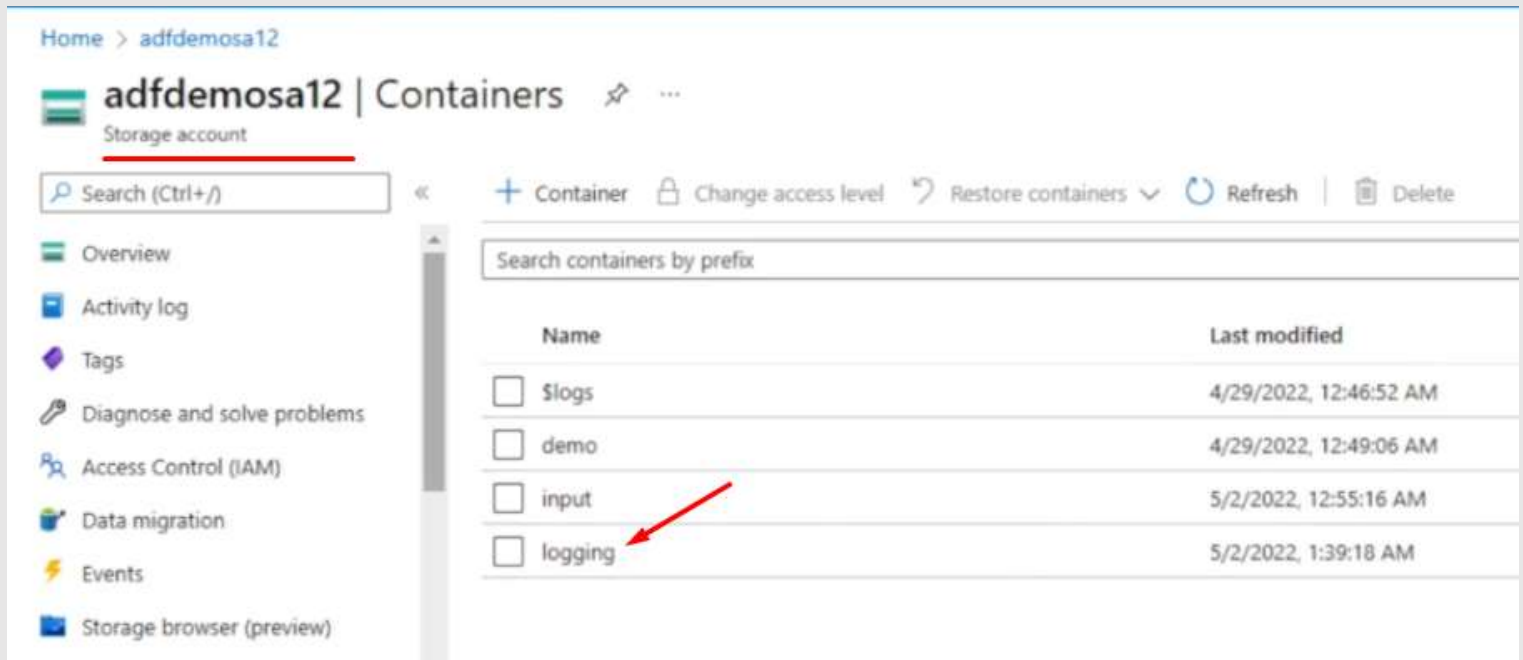


Azure Data Factory Copy data – Logging settings

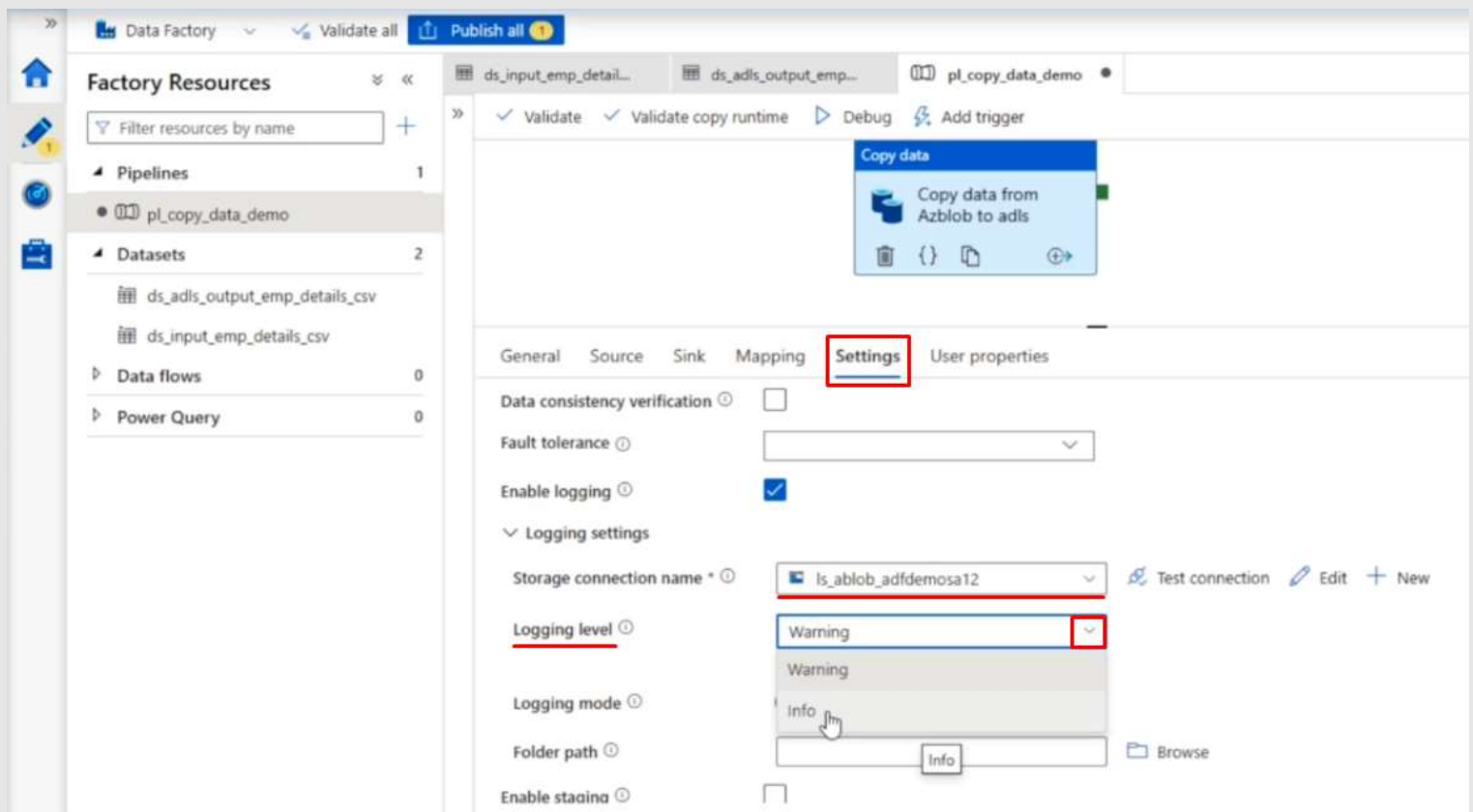
Al utilizar la actividad **Copy data** para copiar datos desde Azure Blob Storage hacia ADLS, podemos activar la opción de **Logging**.

The screenshot displays the Azure Data Factory (ADF) web portal interface. On the left, the 'Factory Resources' pane shows a tree view with 'Pipelines' (1 item) and 'Datasets' (2 items). The pipeline 'pl_copy_data_demo' is selected and highlighted with a red underline. The main workspace shows the 'Copy data' activity configuration. The 'Settings' tab is selected and highlighted with a red box. Within the 'Settings' tab, the 'Enable logging' checkbox is checked and highlighted with a red arrow. Other settings visible include 'Data integration unit' set to 'Auto', 'Degree of copy parallelism' set to 'Edit', 'Data consistency verification' set to 'Off', 'Fault tolerance' set to 'Off', and 'Storage connection name' set to 'Select...'. The 'Logging settings' section is expanded, showing the 'Storage connection name' dropdown and the 'Enable staging' checkbox, which is currently unchecked.

Creamos un contenedor de nombre **logging** en nuestro Azure Blob Storage



En **Storage connection name** podemos indicar un Linked Service, en este caso indicamos el LS de origen que hace referencia hacia el Azure Blob Storage **adfmosa12**



General Source Sink Mapping **Settings** User properties

Fault tolerance ⓘ

Enable logging ⓘ ☒

Logging settings

Storage connection name * ⓘ [Test connection](#) [Edit](#) [New](#)

Logging level ⓘ

i Reliable mode will log each file name immediately once it is copied to the destination, which may impact copy throughput when copying large amount of files. [Learn more](#)

Logging mode ⓘ ☒ Reliable ☐ Best effort

Folder path ⓘ [Browse](#)

Enable staging ⓘ ☐

Add dynamic content (Alt + Shift + P)

Validamos, Publicamos y luego utilizamos **Trigger now** para ejecutar el pipeline

Data Factory Validate all Publish all

Factory Resources

Filter resources by name

Pipelines 1

pl_copy_data_demo

Datasets 2

ds_adls_output_emp_details_csv

ds_input_emp_details_csv

Data flows 0

Power Query 0

ds_input_emp_detail... ds_adls_output_emp... **pl_copy_data_demo**

Validate Validate copy runtime Debug **Add trigger**

Copy

Trigger now

New/Edit

General Source Sink Mapping **Settings** User properties

i You will be charged # of used DIUs * copy duration * \$0.25/DIU-hour. Local currency and sep

Data integration unit ⓘ [Edit](#)

Vemos que se genera una serie de directorios y finalmente nuestro archivo log

Home > addfemoca12 > logging

Authentication method: Access key (Switch to Azure AD User Account)
Location: logging / copyactivity-logs / Copy data from Azblob to ads / 5baba2ef-a2a1-4ef7-91bd-89bbd6c379d1

Search blobs by prefix (case-sensitive)

Add filter

Name	Modified	Access tier	Archive status	Blob type	Size
fdd32ab5-4883-fdcb-8eac-46b0d5057c5c_0.txt	5/2/2022, 1:43:57 AM			Append blob	640 B

Descargaremos el archivo para ver su contenido

Microsoft Azure

Home > addfemoca12 > logging

Authentication method: Access key (Switch to Azure AD User Account)
Location: logging / copyactivity-logs / Copy data from Azblob to ads / 5baba2ef-a2a1-4ef7-91bd-89bbd6c379d1

Search blobs by prefix (case-sensitive)

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Name	Modified	Access tier	Archive status	Blob type	Size
fdd32ab5-4883-fdcb-8eac-46b0d5057c5c_0.txt	5/2/2022, 1:43:57 AM			Append blob	640 B

Download

fdd32ab5-4883-fdcb-8eac-46b0d5057c5c_0 - Notepad

File Edit Format View Help

Timestamp,Level,OperationName,OperationItem,Message

2022-05-01 20:13:57.2664136,Info,FileRead,"emp_details.csv","Start to read file: {""Path"":""emp_details.csv"", ""ItemType"":""File"", ""Size"":97, ""LastModified"":""2022-05-01 20:13:57.5714062,Info,FileWrite,"emp_details.csv","Start to write file."2022-05-01 20:13:57.6026571,Info,FileRead,"emp_details.csv","Complete reading file su

"2022-05-01 20:13:57.8839103,Info,FileWrite,"emp_details.csv","Complete writing file. File is successfully copied."