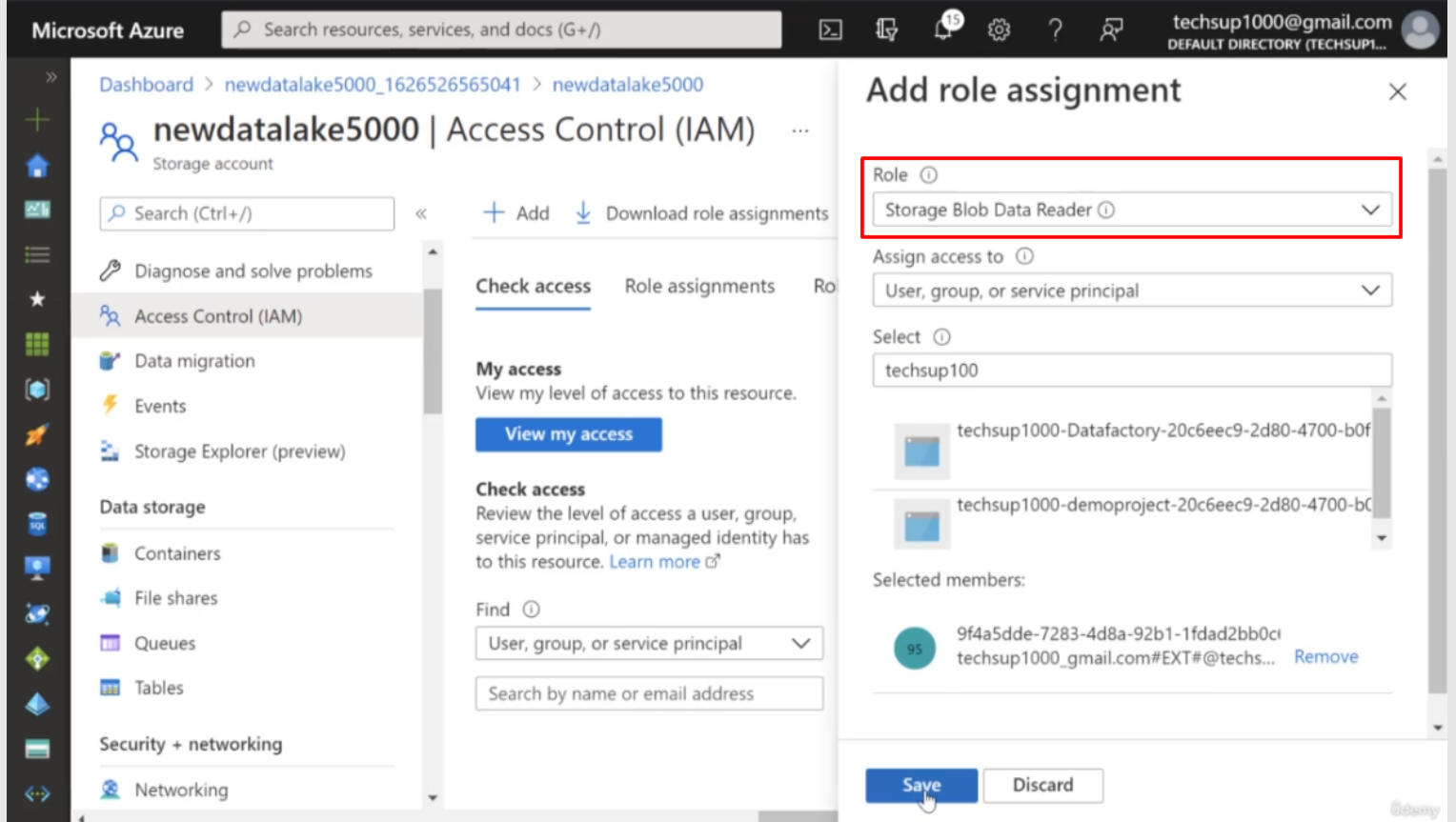


Azure Databricks Integracion con ADLS Utilizar Active Directory (Credential Passthrough)

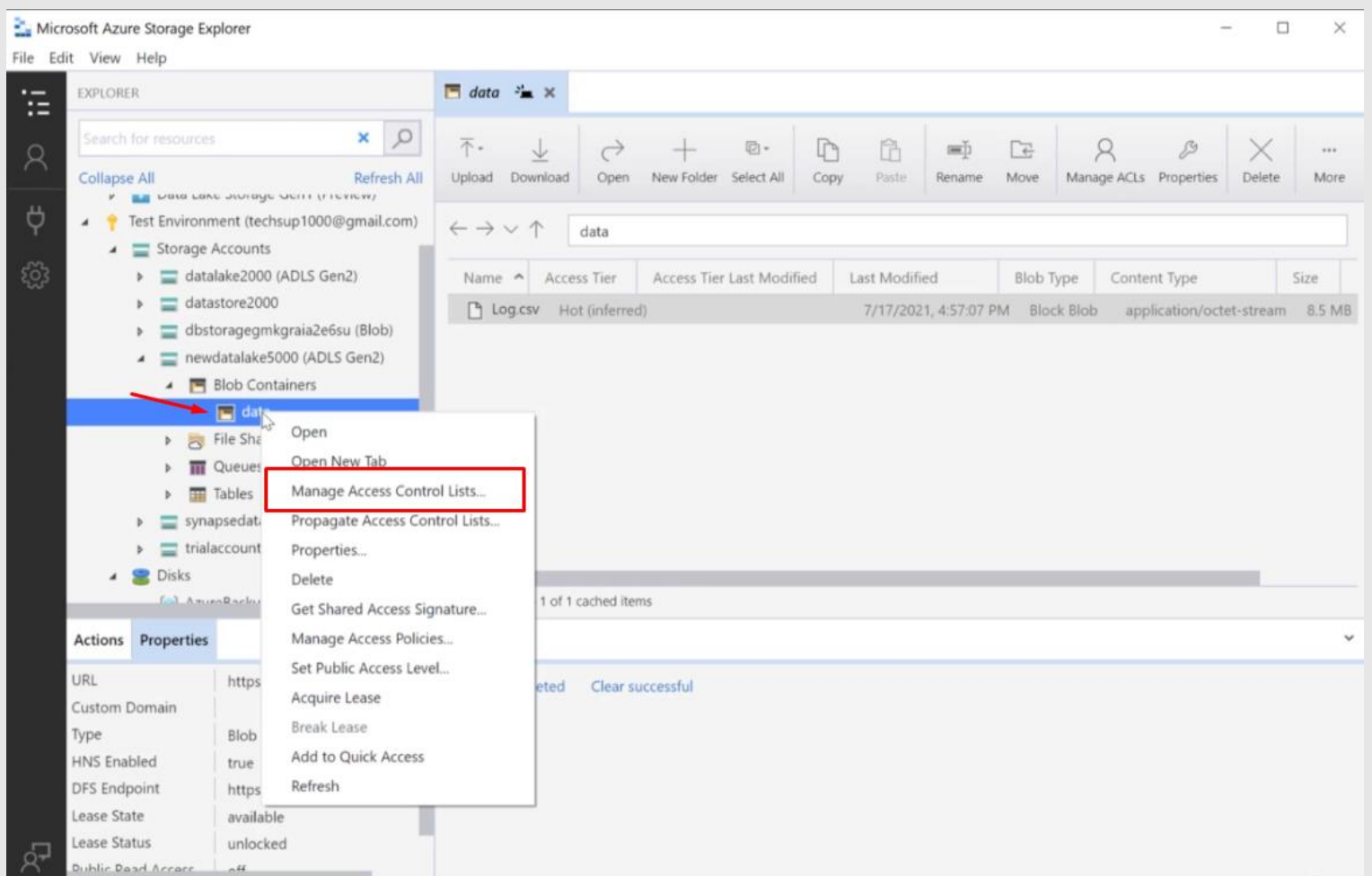
Desde otro video, se realiza algo similar, pero en este caso crea dos roles, un rol "Reader" y otro "Storage Blob Data Reader".

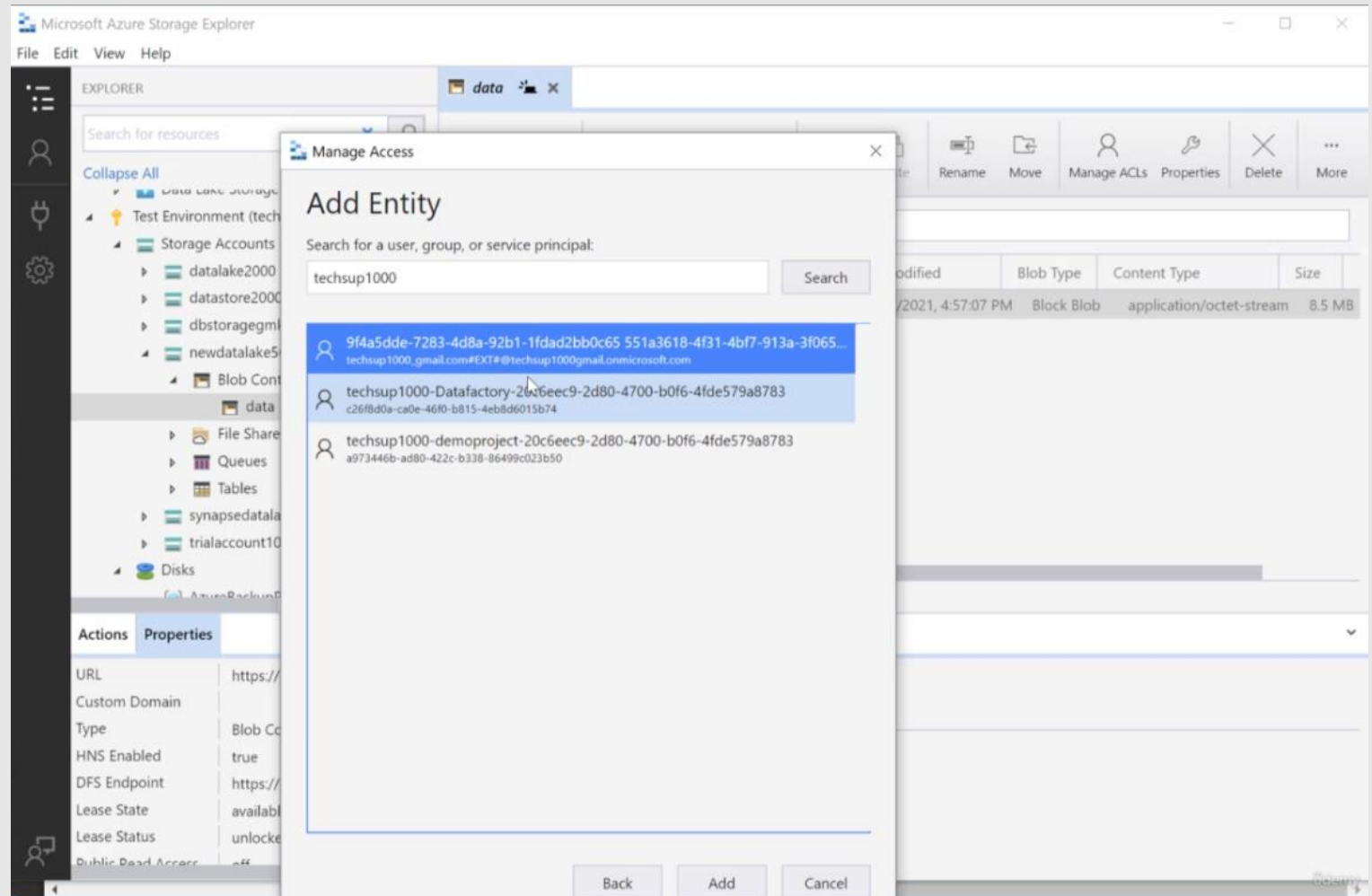
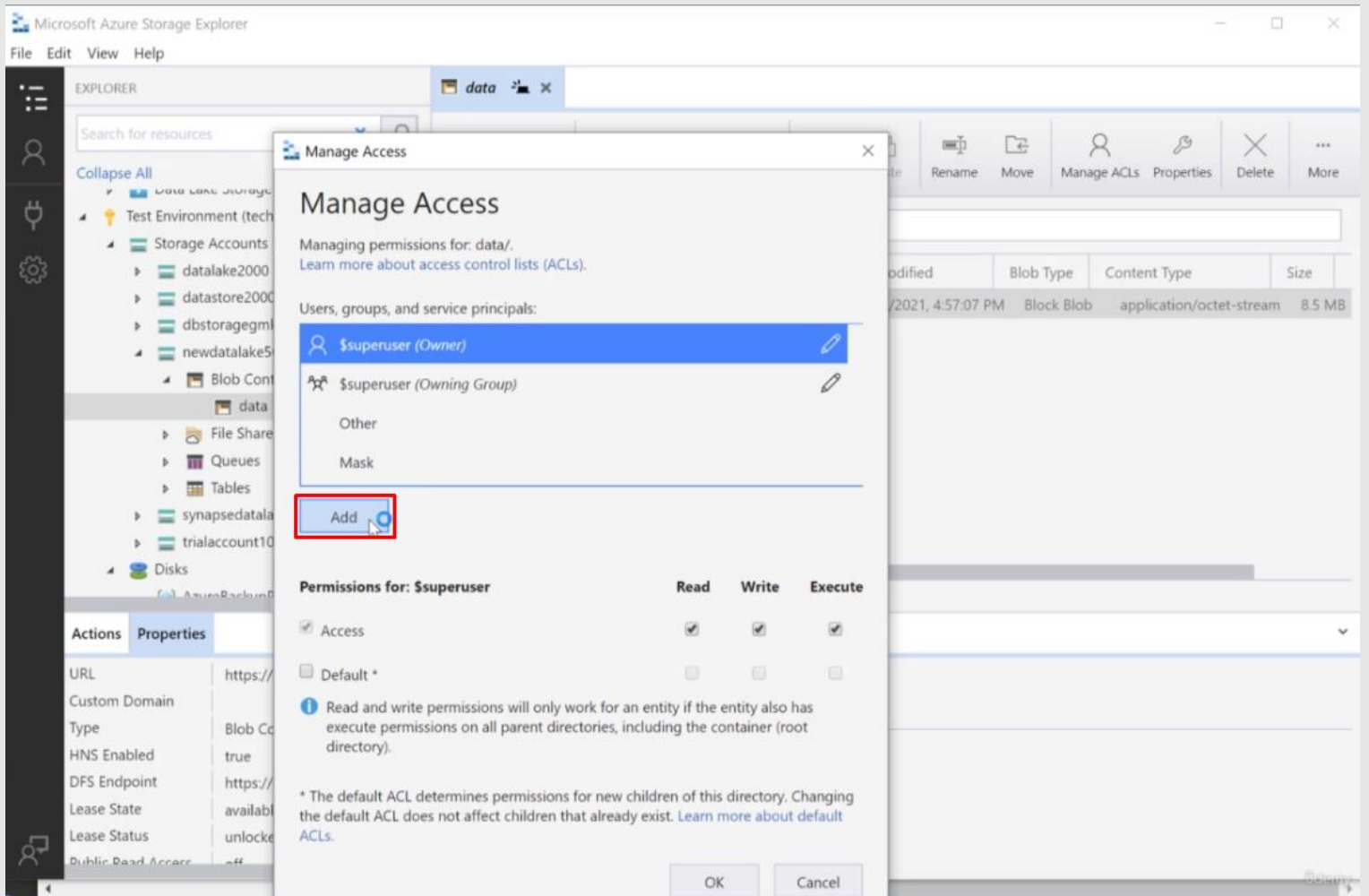
The screenshot displays the Microsoft Azure portal interface. On the left, the navigation pane shows the 'Access Control (IAM)' section selected under the 'newdatalake5000' storage account. The main area shows the 'Access Control (IAM)' page with tabs for 'Check access', 'Role assignments', and 'My access'. The 'Role assignments' tab is active, showing a list of role assignments. A red box highlights the 'Role' dropdown menu, which is set to 'Reader'. Below this, the 'Assign access to' dropdown is set to 'User, group, or service principal'. The 'Select' dropdown is set to 'techsup1000'. A list of search results is shown, including 'techsup1000@gmail.com#EXT#@techsup1000.com' and 'techsup1000-Datafactory-20c6eec9-2d80-4700-b0f'. The 'Selected members' section indicates that no members have been selected yet. At the bottom, there are 'Save' and 'Discard' buttons.

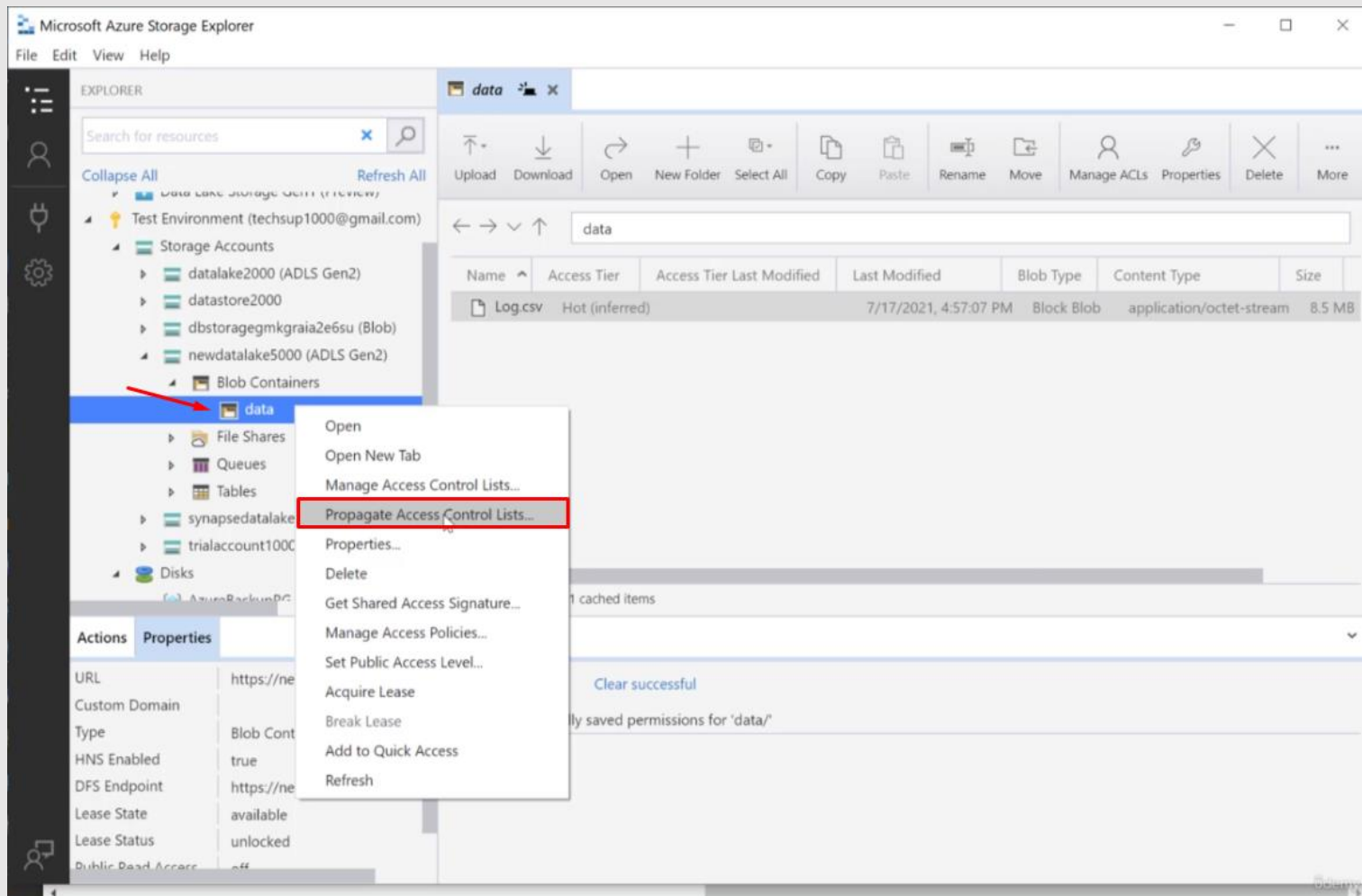
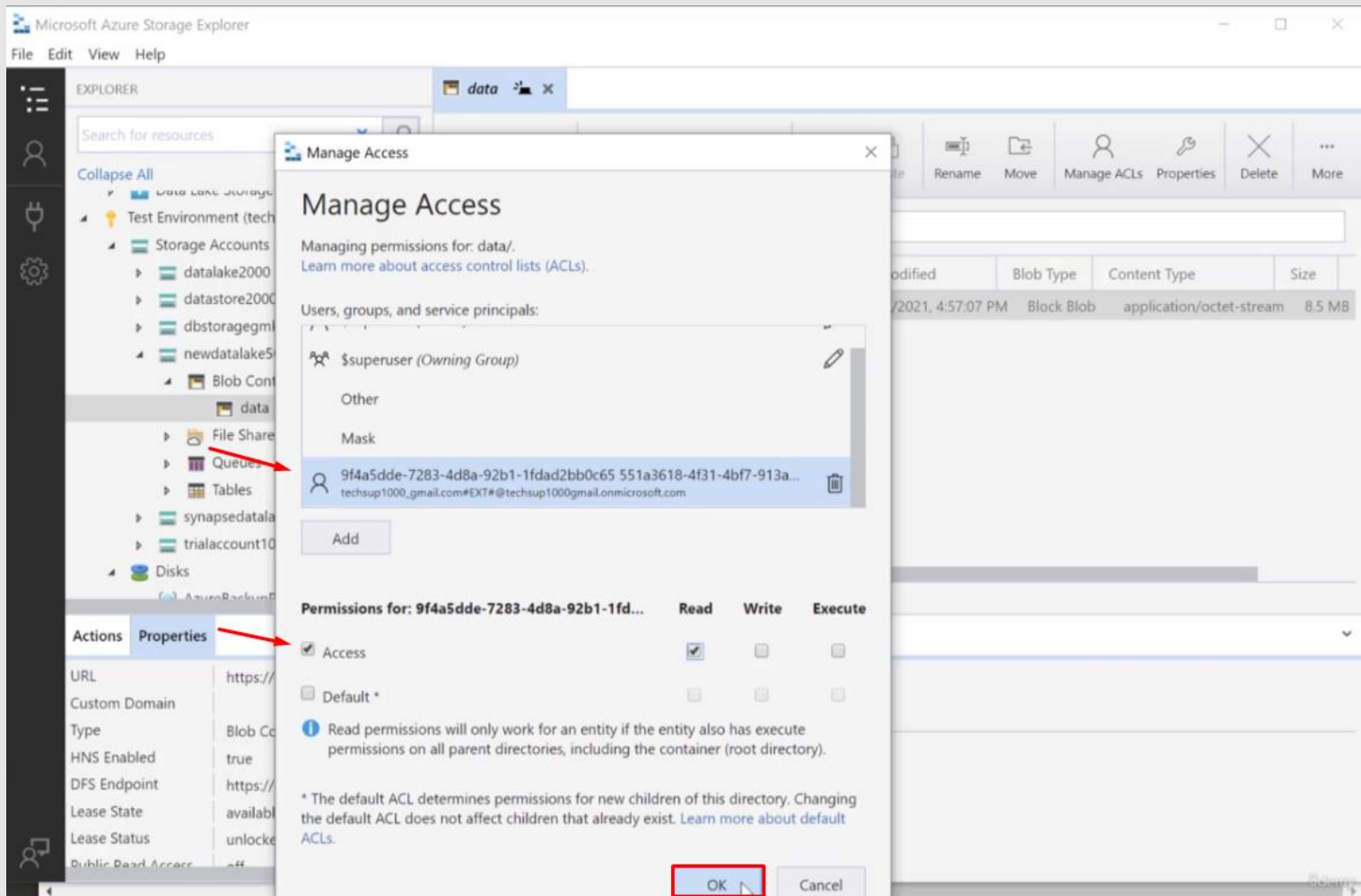


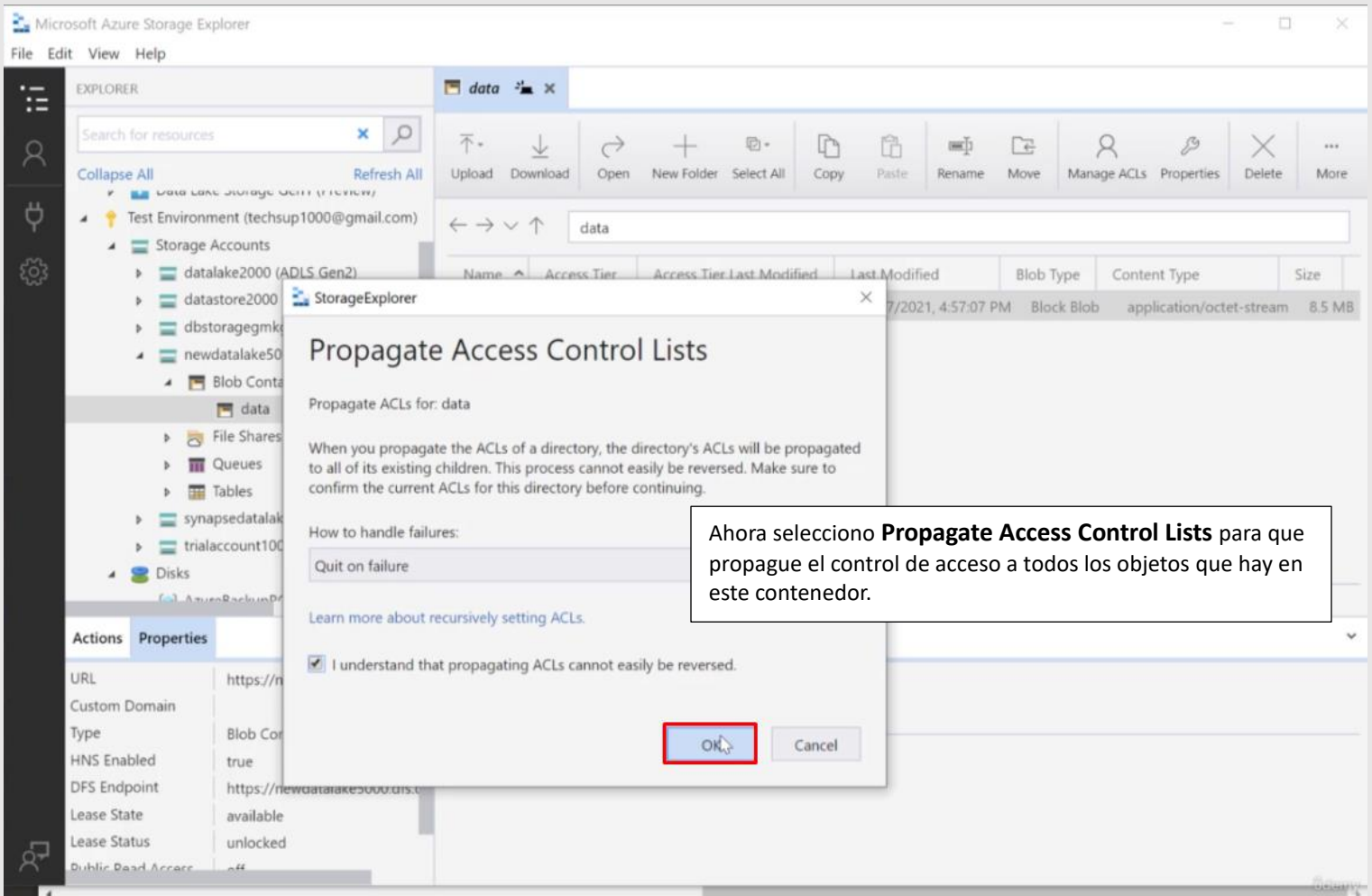
Luego continuando con el ejemplo de las últimas imágenes, utilizamos **Azure Storage Explorer**

Desde la Azure Data Lake Storage --> Desde el contenedor que se quiere dar acceso, en este caso en el contenedor "data"

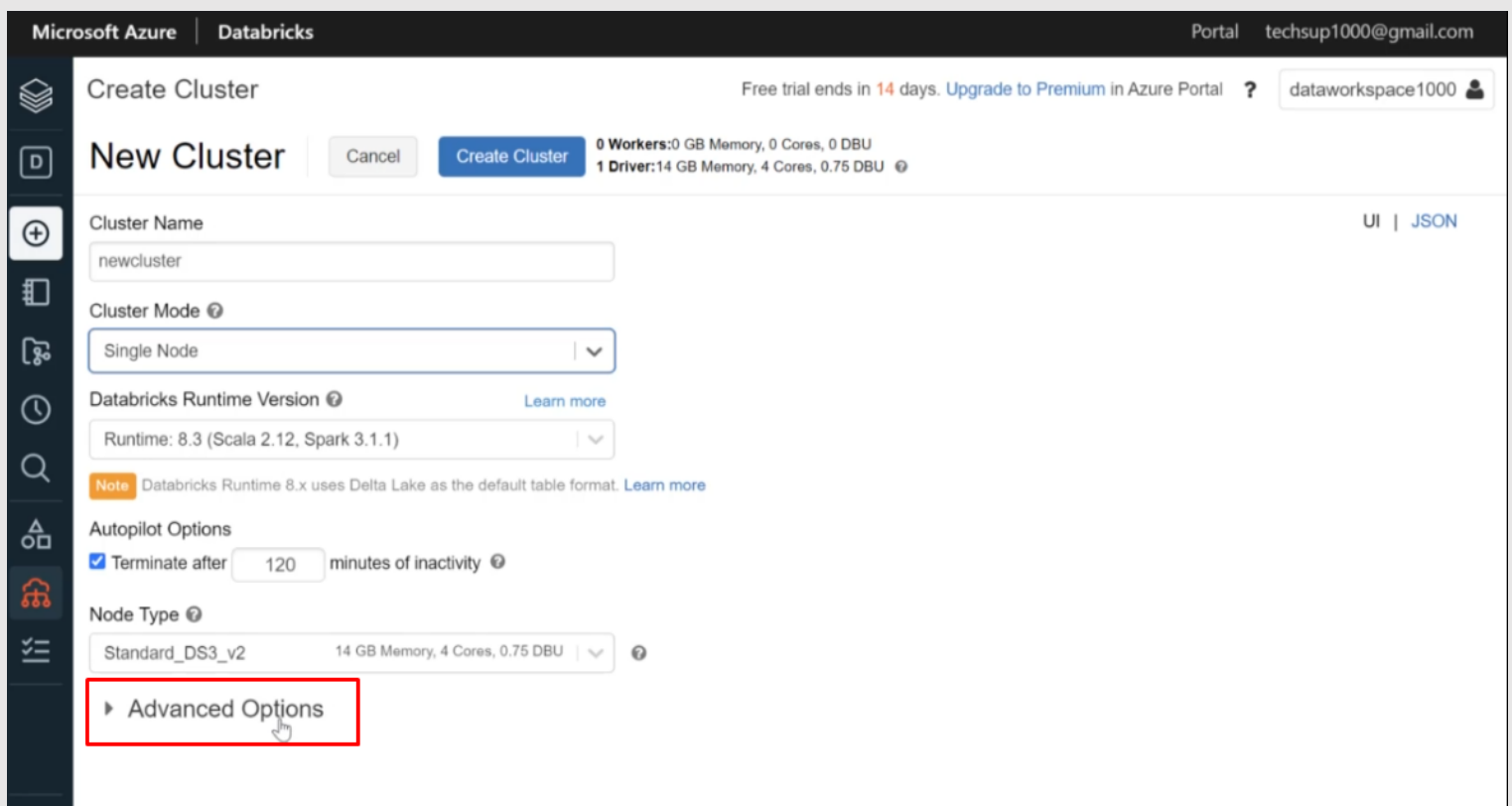








Por último, necesitamos crear un Cluster en el que se indiquen los siguientes pasos



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Create Cluster


Free trial ends in 14 days. Upgrade to Premium in Azure Portal ? dataworkspace1000

New Cluster


Cancel Create Cluster

0 Workers: 0 GB Memory, 0 Cores, 0 DBU
1 Driver: 14 GB Memory, 4 Cores, 0.75 DBU


Node Type 


Standard_DS3_v2 14 GB Memory, 4 Cores, 0.75 DBU 

Advanced Options

Azure Data Lake Storage Credential Passthrough 

☒ Enable credential passthrough for user-level data access

Single User Access 

9f4a5dde-7283-4d8a-92b1-1fdad2bb0c65 551a3618-4f31-4... 

9f4a5dde-7283-4d8a-92b1-1fdad2bb0c65 551a3618-4f31-4bf7-913a-3f065e94b31b

9f4a5dde-7283-4d8a-92b1-1fdad2bb0c65 551a3618-4f31-4bf7-913a-3f065e94b31b

Only one user is allowed to run commands on this cluster when Credential Passthrough is enabled [Learn more](#)

```
spark.master.url()
spark.databricks.cluster.profile singleNode
spark.databricks.passthrough.enabled true
```

Podemos ver que no necesitamos indicar Access Keys o secretos para trabajar

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accessbook (Scala)

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newcluster

Cmd 1

```
1 val df = spark.read.format("csv").option("header","true").load("abfss://data@newdatalake5000.dfs.core.windows.net/Log.csv")
2
3 display(df)
```

(2) Spark Jobs

df: org.apache.spark.sql.DataFrame = [Id: string, Correlation id: string ... 9 more fields]

	Id	Correlation id	Operation name	Status
1	1	66641e13-d19f-4ce5-aafd-9d5d7bfa557	Delete SQL database	Succeeded
2	2	66641e13-d19f-4ce5-aafd-9d5d7bfa557	Delete SQL database	Started
3	3	66641e13-d19f-4ce5-aafd-9d5d7bfa557	Delete SQL database	Accepted
4	4	e2958162-93d9-4643-a847-82cf25c49930	Delete SqlPools	Succeeded
5	5	e2958162-93d9-4643-a847-82cf25c49930	Delete SqlPools	Started
6	6	e2958162-93d9-4643-a847-82cf25c49930	Delete SqlPools	Accepted
7	7	08cd2e19-477c-4ecc-83a6-575b9ce265e3	Pause SQL Analytics pools.	Succeeded

Truncated results, showing first 1000 rows.

Command took 12.76 seconds -- by techsup1000@gmail.com at 7/17/2021, 5:05:04 PM on newcluster