import logging

import azure.functions as func

from azure.identity import ManagedIdentityCredential

from azure.storage.blob import BlobClient

# Replace with your Storage Account name

STORAGE\_ACCOUNT\_NAME = "mystorageaccount"

# User Assigned Managed Identity Client ID

UAMI\_CLIENT\_ID = "<your-uami-client-id>"

def main(myblob: func.InputStream):

logging.info(f"Blob trigger processed blob\n"

f"Name: {myblob.name}\n"

f"Size: {myblob.length} bytes")

# Authenticate using UAMI

credential = ManagedIdentityCredential(client\_id=UAMI\_CLIENT\_ID)

# BlobClient to access metadata securely

blob\_client = BlobClient(

account\_url=f"https://{STORAGE\_ACCOUNT\_NAME}.blob.core.windows.net",

container\_name=myblob.uri.split("/")[-2],

blob\_name=myblob.name,

credential=credential

)

# Fetch blob metadata

props = blob\_client.get\_blob\_properties()

logging.info(f"Blob Metadata: {props.metadata}")