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Develop A Python Script :

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crop_protect.py - C:/Users/HP/Desktop/crop/crop_protect.py (3.8.8)
File Edit Format Run Options Window Help

import time
import datetime
import ibm_boto3
from ibm_botocore.client import Config, ClientError
#CloudantDB
from cloudant.client import Cloudant
from cloudant.error import CloudantException
from cloudant.result import Result, ResultByKey
from clarifai_grpc.channel.clarifai_channel import ClarifaiChannel
from clarifai_grpc.grpc.api import service_pb2_grpc
stub = service_pb2_grpc.V2Stub(ClarifaiChannel.get_grpc_channel())
from clarifai_grpc.grpc.api import service_pb2, resources_pb2
from clarifai_grpc.grpc.api.status import status_code_pb2
# This is how you authenticate.
metadata=[('authorization', 'Key bc885e5165d74ef48f42f6f6a2c9eb87'),]
COS_ENDPOINT = "https://s3.jp-tok.cloud-object-storage.appdomain.cloud" # Current list available at https://control.cloud-object-storage.cloud.ibm.com/v2/endpoints
COS_API_KEY_ID = "f6Ap-ct18mC789UzL7XPhAF7l70meFLUQOzgmAzb5" # eg "W00YirnlW4a3FTjMB-odB-2y8fTrFBiqQWanc--F3kyk"
COS_AUTH_ENDPOINT = "https://iam.cloud.ibm.com/identity/token"
COS_RESOURCE_CRN = "crn:vl:bluemix:public:cloud-object-storage:global:a/4b644a3fda97448b888c23eeef263ed6:199able5-0d9d-420f-8e4a-98d666c04368::" # eg "crn:vl:bluemix:public:cloud-object-storage:global:a/4b644a3fda97448b888c23eeef263ed6:199able5-0d9d-420f-8e4a-98d666c04368::"
clientdb = Cloudant({"apikey-v2-16a3c3mdpkghhxfdikvpssoh5fwezrmuup5fv5g3ubz", "b0ab119f45d3e6255eabb678e7e2f0e1", url="https://apikey-v2-16a3c3mdpkghhxfdikvpssoh5fwezrmuup5fv5g3ubz:b0ab119f45d3e6255eabb678e7e2f0e1"}, url="https://apikey-v2-16a3c3mdpkghhxfdikvpssoh5fwezrmuup5fv5g3ubz:b0ab119f45d3e6255eabb678e7e2f0e1")
clientdb.connect()
# Create resource
cos = ibm_boto3.resource("s3",
    ibm_api_key_id=COS_API_KEY_ID,
    ibm_service_instance_id=COS_RESOURCE_CRN,
    ibm_auth_endpoint=COS_AUTH_ENDPOINT,
    config=Config(signature_version="oauth"),
    endpoint_url=COS_ENDPOINT
)

def multi_part_upload(bucket_name, item_name, file_path):
    try:
        print("Starting file transfer for {} to bucket: {}".format(item_name, bucket_name))
        # set 5 MB chunks
        part_size = 1024 * 1024 * 5
        # set threshold to 15 MB
        file_threshold = 1024 * 1024 * 15
        # set the transfer threshold and chunk size
        transfer_config = ibm_boto3.s3.transfer.TransferConfig(
            multipart_threshold=file_threshold,
            multipart_chunksize=part_size
        )
        # the upload_fileobj method will automatically execute a multi-part upload
        # in 5 MB chunks for all files over 15 MB
        with open(file_path, "rb") as file_data:
            cos.Object(bucket_name, item_name).upload_fileobj(
                Fileobj=file_data,
                Config=transfer_config
            )
    except ClientError as err:
        print(err)
```