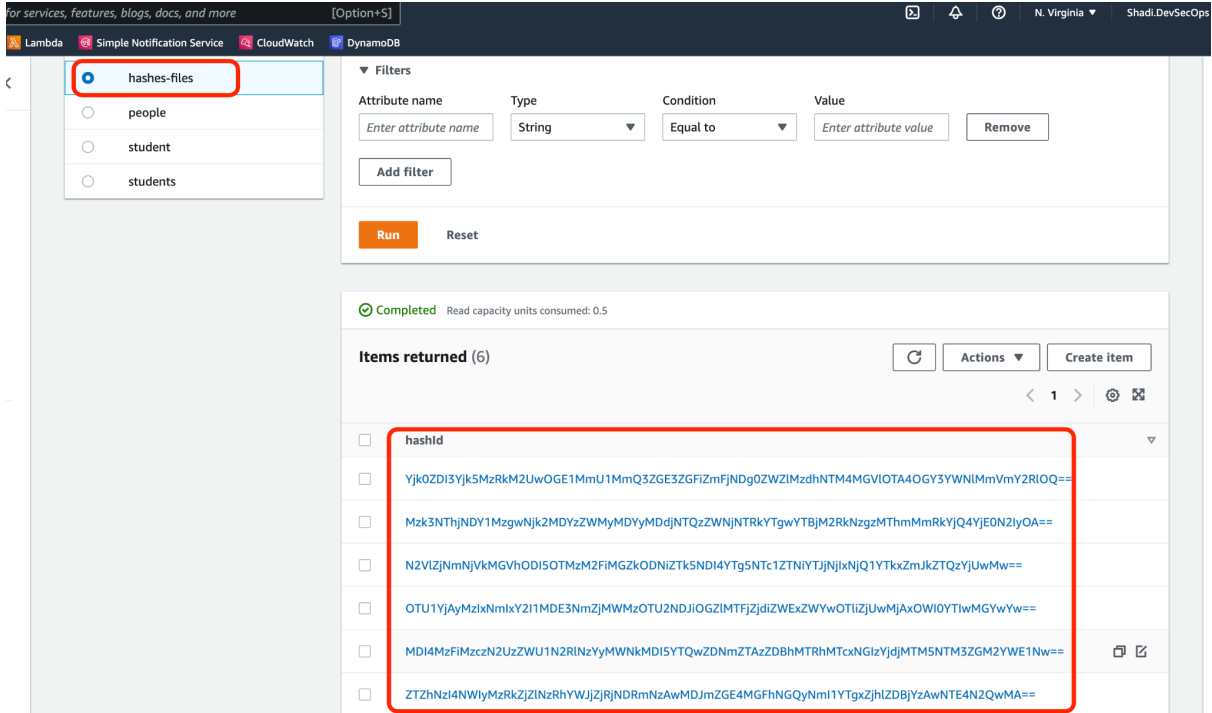


Shadi Badir

Added below screenshots :



Created a bucket :

```
DynamoDB > hasher > s3_create_bucket.py > ...
You, 5 hours ago | 1 author (You)
1 import logging
2 import boto3
3 from botocore.exceptions import ClientError
4
5
6 def create_bucket(bucket_name, region=None):
7     # Create bucket
8     try:
9         if region is None:
10             s3_client = boto3.client('s3')
11             s3_client.create_bucket(Bucket=bucket_name)
12         else:
13             s3_client = boto3.client('s3', region_name=region)
14             location = {'LocationConstraint': region}
15             s3_client.create_bucket(Bucket=bucket_name, CreateBucketConfiguration=location)
16     except ClientError as e:
17         logging.error(e)
18         return False
19     return True
20
21 def main():
22     create_bucket("mainbucketwithouthash", None)
23
24 main()
```

Download the files into the current path :

```
DynamoDB > hasher > s3_download_files.py > ...
You, 4 hours ago | 1 author (You)
1  import os
2  import boto3
3
4  #initiate s3 resource
5  s3 = boto3.resource('s3')
6
7  # select bucket
8  my_bucket = s3.Bucket('mainbucketwithouthash')
9
10 # download file into current directory
11 for s3_object in my_bucket.objects.all():
12     # Need to split s3_object.key into path and file name, else it wi
13     path, filename = os.path.split(s3_object.key)
14     my_bucket.download_file(s3_object.key, filename)    You, 4 hour
```

Upload the files into s3 bucket :

```
DynamoDB > hasher > s3_upload_file.py > ...
You, 5 hours ago | 1 author (You)
1  import logging
2  import boto3
3  from botocore.exceptions import ClientError
4  import os
5
6  def upload_file(file_name, bucket, object_name=None):
7      # If S3 object_name was not specified, use file_name
8      if object_name is None:
9          object_name = os.path.basename(file_name)
10
11     # Upload the file
12     s3_client = boto3.client('s3')
13     try:
14         response = s3_client.upload_file(file_name, bucket, object_name)
15     except ClientError as e:
16         logging.error(e)
17         return False
18     return True
19
20 def main():
21     upload_file("text6.txt", "mainbucketwithouthash", None)
22
23 main()    You, 5 hours ago • Restore the folder hasher ...
```

Here insert the hash files into DynamicDB table :

```
DynamoDB > hasher > s3_insert_file_dynamodb.py > ...
13
14     }
15
16     response = client_.put_item(
17         # The name of the table
18         TableName='hashes-files',
19         Item = new_item,
20         ReturnConsumedCapacity='TOTAL'
21     )
22
23
24     # Function that read my cred
25 > def get_conf(conf_file):'''
32
33     # The main function that connect to my user on AWS console, and insert the query.
34 def dynamodb():
35     creds = get_conf('cred.json')
36     print(creds)
37 > client_ = boto3.client('dynamodb', aws_access_key_id=creds['access-key-id'], ...
40     hasher = hashlib.sha256()
41     conn = client('s3') # again assumes boto.cfg setup, assume AWS S3
42     for key in conn.list_objects(Bucket='mainbucketwithouthash')['Contents']:
43         #print(key['Key'])
44         file = key['Key']
45         # Hash
46         f = open(file, "rb")
47         text = f.read()
48         hasher.update(text)
49         hashed = hasher.hexdigest()
50         insert_into_hashes_files(client_, hashed)
51
```

Thanks,
Shadi Badir.