

Add user

1 2 3 4 5

Success

You successfully created the users shown below. You can view and download user security credentials. You can also email users instructions for signing in to the AWS Management Console. This is the last time these credentials will be available to download. However, you can create new credentials at any time.

Users with AWS Management Console access can sign-in at: <https://106624866747.signin.aws.amazon.com/console>

Download .csv

C:\Users\Kevin Tsui\Desktop\cloud hw\awsconnect.py (CS1660Project) - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

FOLDERS

CS1660Project

awsconnect.py

1

Command Prompt

```
Collecting urllib3<1.27.>=1.25.4
  Downloading urllib3-1.26.3-py2.py3-none-any.whl (137 kB)
    | 137 kB 6.8 MB/s
Requirement already satisfied: python-dateutil<3.0.0,>=2.1 in c:\python38\lib\site-packages (from boto3<1.21.0,>=1.20.22>boto3) (2.8.1)
Requirement already satisfied: six>=1.5 in c:\python38\lib\site-packages (from python-dateutil<3.0.0,>=2.1->boto3<1.21.0,>=1.20.22>boto3) (1.15.0)
Installing collected packages: urllib3, jmespath, boto3, s3transfer, boto3
ERROR: Could not install packages due to an OSError: [Errno 13] Permission denied: 'c:\python38\Scripts\jpp.py'
Consider using the '--user' option or check the permissions.

C:\Users\Kevin Tsui\Desktop\cloud hw>python -m pip install --user boto3
Collecting boto3
  Using cached boto3-1.17.22-py2.py3-none-any.whl (130 kB)
Collecting botocore<1.21.0,>=1.20.22
  Using cached botocore-1.20.22-py2.py3-none-any.whl (7.3 MB)
Collecting s3transfer<0.4.0,>=0.3.0
  Using cached s3transfer-0.3.4-py2.py3-none-any.whl (69 kB)
Requirement already satisfied: jmespath<1.0.0,>=0.7.1 in c:\python38\lib\site-packages (from boto3) (0.10.0)
Requirement already satisfied: python-dateutil<3.0.0,>=2.1 in c:\python38\lib\site-packages (from botocore<1.21.0,>=1.20.22>boto3) (2.8.1)
Requirement already satisfied: urllib3<1.27,>=1.25.4 in c:\python38\lib\site-packages (from botocore<1.21.0,>=1.20.22>boto3) (1.26.3)
Requirement already satisfied: six>=1.5 in c:\python38\lib\site-packages (from python-dateutil<3.0.0,>=2.1->boto3<1.21.0,>=1.20.22>boto3) (1.15.0)
Installing collected packages: botocore, s3transfer, boto3
Successfully installed boto3-1.17.22 botocore-1.20.22 s3transfer-0.3.4

C:\Users\Kevin Tsui\Desktop\cloud hw>
```

```
try:
    s3.create_bucket(Bucket='datacont-kevitsui', CreateBucketConfiguration={'LocationConstraint': 'us-west-2'})
    table = dyndb.create_table(
        TableName='DataTable',
        KeySchema=[
            {
                'AttributeName': 'Partitionkey',
                'KeyType': 'HASH' # Partition key
            },
            {
                'AttributeName': 'RowKey',
                'KeyType': 'RANGE' # Sort key
            }
        ],
        AttributeDefinitions=[
            {
                'AttributeName': 'Partitionkey',
                'AttributeType': 'S'
            },
            {
                'AttributeName': 'RowKey',
                'AttributeType': 'S'
            }
        ],
        ProvisionedThroughput={
            'ReadCapacityUnits': 10,
            'WriteCapacityUnits': 10
        }
    )
except Exception:
    pass

# table.meta.client.get_waiter('table_exists').wait(TableName='DataTable')
table = dyndb.Table("DataTable")
urlbase = "https://datacont-kevitsui.s3-us-west-2.amazonaws.com/"
with open('experiments.csv', 'r') as csvfile:
    csvf = csv.reader(csvfile)
    next(csvf)
    for item in csvf:
        body = open(item[4], 'rb')
        s3.Object('datacont-kevitsui', item[4]).put(Body=body)
        md = s3.Object('datacont-kevitsui', item[4]).ACL().put(ACL='public-read')
        url = urlbase + item[4]
        metadata_item = {'Partitionkey': item[0], 'RowKey': item[1], 'description': item[3], 'date': item[2], 'url': url}
        table.put_item(Item=metadata_item)
```

The screenshot shows the AWS DynamoDB console's 'DataTables' page. On the left is a navigation sidebar. The main panel features two informational banners at the top. Below them, a series of tabs allows switching between different views of the table. The 'Items' tab is currently selected, displaying a search interface with a filter dropdown set to '[Table] DataTable: Partitionkey, RowKey'. A table below lists two items, each with its primary key components and associated metadata.

	PartitionKey	RowKey	date	description	url
<input checked="" type="checkbox"/>	experiment1	data1	2/13/2021	Words..	https://datacont-kevitsui.s3-us-west-2.amazonaws.com/exp1.csv
<input type="checkbox"/>	experiment2	data2	2/20/2021	second experiment	https://datacont-kevitsui.s3-us-west-2.amazonaws.com/exp2.csv

