

# Credex Backup & Recovery

## API Callouts Response

### 1. **Get Buckets** :- AwsS3Integration.cls

**GET:** {host}

**Host:** <https://s3.eu-north-1.amazonaws.com>

**Content-Type:** application/xml

**Connection-** Keep-Alive

To Setup your authorisation( if hitting from postman )-

Select type as AWS Signature-

**Access Key-** AKIAXBC2OOIM7HKVQ2BI

**Secret Key-** We+GXzt2gOHc7+TV5MyNIcltNo1RmlnUcCNU9VQe

**AWS Region-** eu-north-1

**Service Name-** S3

{

Below are the headers (these will be auto generated)-  
(when hitting from postman)

**Authorization-** AWS4-HMAC-SHA256 Credential=AKIAXBC2OOIM7HKVQ2BI/20231205/eu-north-1/s3/aws4\_request, SignedHeaders=host;x-amz-content-sha256;x-amz-date, Signature=a2ce33356a7980a91809de055685888fd6f93ed031ef596892c09525c9c87b68

**X-Amz-Content-Sha256-**

e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855

**X-Amz-Date-** 20231205T050959Z

**User-Agent-** PostmanRuntime/7.35.0

**Connection** - keep-alive

}

## Description

This HTTP GET request is used to retrieve a list of all buckets in an Amazon S3 storage account. The request is sent to the endpoint <https://s3.eu-north-1.amazonaws.com/>.

The response returned by the last execution of this request had a status code of 200, indicating a successful response. The response body is in XML format and contains the details of the buckets in the account. The `<ListAllMyBucketsResult>` element is the root element, and it has two child elements: `<Owner>` and `<Buckets>`.

The `<Owner>` element contains the ID of the owner of the buckets. The ID is a long string of characters.

The `<Buckets>` element contains a list of `<Bucket>` elements, each representing a bucket in the account. Each `<Bucket>` element has two child elements: `<Name>` and `<CreationDate>`.

The `<Name>` element contains the name of the bucket, and the `<CreationDate>` element contains the date and time when the bucket was created.

Here is an example response: XML

```
<?xml version="1.0" encoding="UTF-8"?>
<ListAllMyBucketsResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
  <Owner>
    <ID>94aebaef4c4fbb84a36f076a1adbf6208742d219ac1cecb29939e262efabf56</ID>
    <DisplayName>kinlane</DisplayName>
  </Owner>
  <Buckets>
    <Bucket>
      <Name>working-demo-2</Name>
      <CreationDate>2019-11-17T04:45:13.000Z</CreationDate>
    </Bucket>
  </Buckets>
</ListAllMyBucketsResult>
```

**Response:** Below is the response for the above http callout

### Result:- (Get All Buckets)

```
<?xml version="1.0" encoding="UTF-8"?>
<ListAllMyBucketsResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</ID>
  </Owner>
  <Buckets>
    <Bucket>
      <Name>buctest143</Name>
      <CreationDate>2023-05-25T09:30:23.000Z</CreationDate>
    </Bucket>
  </Buckets>
```

```
<Name>createtestbuk</Name>
<CreationDate>2023-06-20T10:40:30.000Z</CreationDate>
</Bucket>
<Bucket>
  <Name>testsfbucket2</Name>
  <CreationDate>2023-08-05T09:09:36.000Z</CreationDate>
</Bucket>
</Buckets>
</ListAllMyBucketsResult>
```

## 2. Get Files- AwsS3Integration

### GET / HTTP/1.1

**Host:** <https://buctest143.s3.amazonaws.com/>

To Setup your authorisation( if hitting from postman )-

Select type as AWS Signature-

**Access Key-** AKIAXBC2OOIM7HKVQ2BI

**Secret Key-** We+GXzt2gOHc7+TV5MyNIcltNo1RmInUcCNU9VQe

**AWS Region-** eu-north-1

**Service Name-** S3

{

Below are the headers (these will be auto generated)-  
(when hitting from postman)

**Authorization-** AWS4-HMAC-SHA256 Credential=AKIAXBC2OOIM7HKVQ2BI/20231205/eu-north-1/s3/aws4\_request, SignedHeaders=host;x-amz-content-sha256;x-amz-date, Signature=a2ce33356a7980a91809de055685888fd6f93ed031ef596892c09525c9c87b68

**X-Amz-Content-Sha256-**

e3b0c44298fc1c149afb4c8996fb92427ae41e4649b934ca495991b7852b855

**X-Amz-Date-** 20231205T050959Z

**User-Agent-** PostmanRuntime/7.35.0

**Connection** - keep-alive

}

## Description:

This HTTP GET request retrieves the contents of a specific S3 bucket hosted on Amazon Web Services. The request is made to the URL <https://buctest143.s3.amazonaws.com/>. The response returned by the last execution of this request had a status code of 200, indicating a successful response. The response body is in XML format and contains a list of objects stored in the S3 bucket. Here is an example of the response structure: XML

```
<ListBucketResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
  <Name>buctest143</Name>
  <Prefix></Prefix>
  <Marker></Marker>
  <MaxKeys>1000</MaxKeys>
  <IsTruncated>>false</IsTruncated>
  <Contents>
    <Key>AccountData.csv</Key>
    <LastModified>2023-06-23T12:14:03.000Z</LastModified>
    <ETag>"cd6c5e06fb88505b850b4d50a47d1e37"</ETag>
    <Size>9212</Size>
    <Owner>
      <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</ID>
    </Owner>
    <StorageClass>STANDARD</StorageClass>
  </Contents>
  ...
</ListBucketResult>
```

## Response:

```
<?xml version="1.0" encoding="UTF-8"?>
<ListBucketResult xmlns="http://s3.amazonaws.com/doc/2006-03-01/">
  <Name>buctest143</Name>
  <Prefix></Prefix>
  <Marker></Marker>
  <MaxKeys>1000</MaxKeys>
  <IsTruncated>>false</IsTruncated>
  <Contents>
    <Key>AccountData.csv</Key>
    <LastModified>2023-06-23T12:14:03.000Z</LastModified>
    <ETag>"cd6c5e06fb88505b850b4d50a47d1e37"</ETag>
    <Size>9212</Size>
    <Owner>
```

```
<ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>Credex-App Functionalities.docx</Key>
  <LastModified>2023-06-23T12:15:37.000Z</LastModified>
  <ETag>&quot;cd6c5e06fb88505b850b4d50a47d1e37&quot;</ETag>
  <Size>9212</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>Metadata_08-09-2023.zip</Key>
  <LastModified>2023-09-08T10:18:38.000Z</LastModified>
  <ETag>&quot;581cd45d7dbe8c7835a7e8130b5b0902&quot;</ETag>
  <Size>3298</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>Salesforce Data.zip</Key>
  <LastModified>2023-08-28T05:13:49.000Z</LastModified>
  <ETag>&quot;c9418289fac909ccd811b96675d8365a&quot;</ETag>
  <Size>36589</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>abc.zip</Key>
  <LastModified>2023-09-14T11:03:18.000Z</LastModified>
  <ETag>&quot;900150983cd24fb0d6963f7d28e17f72&quot;</ETag>
  <Size>3</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</ID>
  </Owner>
```

```
</Owner>
<StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>accountdata.csv</Key>
  <LastModified>2023-06-30T13:37:42.000Z</LastModified>
  <ETag>"afe29698759f87d29af6d92f2c20ed63"</ETag>
  <Size>571</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>retrieve Testing09-90.zip</Key>
  <LastModified>2023-09-08T10:12:34.000Z</LastModified>
  <ETag>"581cd45d7dbe8c7835a7e8130b5b0902"</ETag>
  <Size>3298</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>salesforce34.zip</Key>
  <LastModified>2023-09-06T08:18:39.000Z</LastModified>
  <ETag>"9221682ebd1088cccf5d3f2ccce85aea"</ETag>
  <Size>24</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>salesforcedata09-2-23.zip</Key>
  <LastModified>2023-09-06T08:24:04.000Z</LastModified>
  <ETag>"9221682ebd1088cccf5d3f2ccce85aea"</ETag>
  <Size>24</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
```

```
</Contents>
<Contents>
  <Key>salesforcedata22.zip</Key>
  <LastModified>2023-09-05T10:25:47.000Z</LastModified>
  <ETag>&quot;36acec3f0c23b9d83a5445b439e71d77&quot;</ETag>
  <Size>161703</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>salesforcedata_2023-09-28.zip</Key>
  <LastModified>2023-09-28T10:23:16.000Z</LastModified>
  <ETag>&quot;f8b261fdd246f61ecbcaa8a3ab323fe8&quot;</ETag>
  <Size>154349</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>salesforcedata_2023-10-03.zip</Key>
  <LastModified>2023-10-03T05:26:10.000Z</LastModified>
  <ETag>&quot;76cdb2bad9582d23c1f6f4d868218d6c&quot;</ETag>
  <Size>22</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>salesforcemetadata_2023-09-08.zip</Key>
  <LastModified>2023-09-08T13:18:51.000Z</LastModified>
  <ETag>&quot;c2f214bdc09b8170e6fa39695d41a0d3&quot;</ETag>
  <Size>644</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
```

```
<Key>salesforcemetadata_2023-09-28.zip</Key>
<LastModified>2023-09-28T12:54:05.000Z</LastModified>
<ETag>&quot;6eb31048ad72b7d81c2d6b26f38a745b&quot;</ETag>
<Size>1930699</Size>
<Owner>
  <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>salesforcemetadata_2023-09-29.zip</Key>
  <LastModified>2023-09-29T05:45:39.000Z</LastModified>
  <ETag>&quot;ff554318d9137e44dcbaeefb2168c13&quot;</ETag>
  <Size>1915711</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
    </Owner>
    <StorageClass>STANDARD</StorageClass>
  </Contents>
  <Contents>
    <Key>salesforcemetadata_2023-11-22t16h.11m.31s.zip</Key>
    <LastModified>2023-11-22T10:41:34.000Z</LastModified>
    <ETag>&quot;484e6048975ec3b89640e0279f40ea94&quot;</ETag>
    <Size>304</Size>
    <Owner>
      <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
      </Owner>
      <StorageClass>STANDARD</StorageClass>
    </Contents>
    <Contents>
      <Key>sfdata12.zip</Key>
      <LastModified>2023-08-27T19:39:24.000Z</LastModified>
      <ETag>&quot;215269443728460d72cd81c82fc534d7&quot;</ETag>
      <Size>297</Size>
      <Owner>
        <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
        </Owner>
        <StorageClass>STANDARD</StorageClass>
      </Contents>
      <Contents>
        <Key>signature.jpg</Key>
        <LastModified>2023-08-03T11:07:46.000Z</LastModified>
```



```
<ETag>&quot;af4cbf2d5f6cb613260811dae3e2d002&quot;</ETag>
<Size>54490</Size>
<Owner>
  <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
  </Owner>
  <StorageClass>STANDARD</StorageClass>
</Contents>
<Contents>
  <Key>test.csv</Key>
  <LastModified>2023-07-06T16:33:11.000Z</LastModified>
  <ETag>&quot;88f4940cf866119372fa05bc65830e85&quot;</ETag>
  <Size>12002</Size>
  <Owner>
    <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
    </Owner>
    <StorageClass>STANDARD</StorageClass>
  </Contents>
  <Contents>
    <Key>test.zip</Key>
    <LastModified>2023-09-25T12:22:35.000Z</LastModified>
    <ETag>&quot;3a760fae784d30a1b50e304e97a17355&quot;</ETag>
    <Size>8</Size>
    <Owner>
      <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
      </Owner>
      <StorageClass>STANDARD</StorageClass>
    </Contents>
    <Contents>
      <Key>testdata.zip</Key>
      <LastModified>2023-09-13T07:40:46.000Z</LastModified>
      <ETag>&quot;b72b8bd78ce0cfb89f008235fed8e5ec&quot;</ETag>
      <Size>16</Size>
      <Owner>
        <ID>37f07ca52f79222310c73895c053a2c64c68cb7ce648adf74aec37b707b8f281</
ID>
        </Owner>
        <StorageClass>STANDARD</StorageClass>
      </Contents>
</ListBucketResult>
```