AWS Crawler Setup Documentation

Introduction

In this document we will explore how to setup the *AWS crawler.*

Prerequisites

Before we investigate how we setup this crawler, be sure you have the following at hand:

- **Bucket Name** - the name of the bucket we wish to *crawl*
- **Access Key** - unique *identifier* of the user trying to access the bucket (be sure you have permissions to access)
- **Secret Key** - key of the user
- **Region** - the region assigned to the bucket

> 🗎 Be sure that you have the *correct permissions* in your AWS account to access the desired buckets

Retrieving Required Credentials

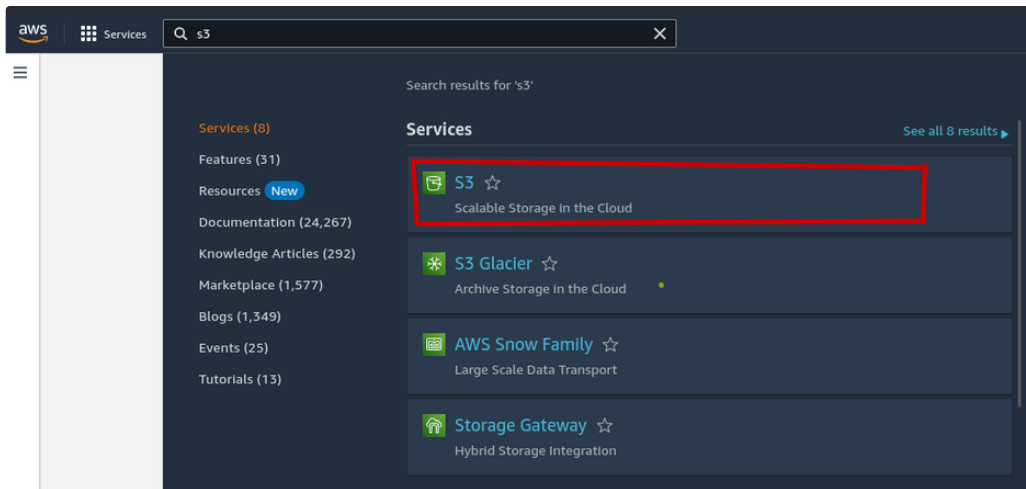If you are unsure *where* to get the credentials described above, keep reading.

To begin, navigate to the *main dashboard* of your AWS account, it should look similar to this:
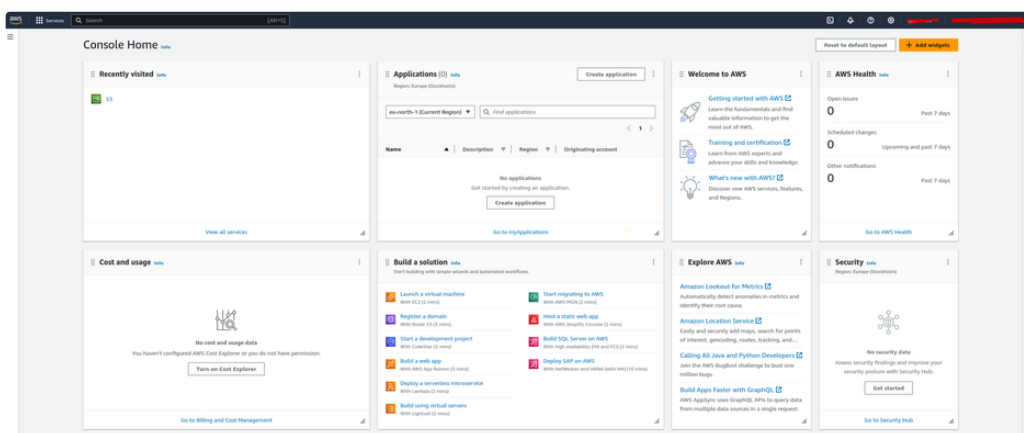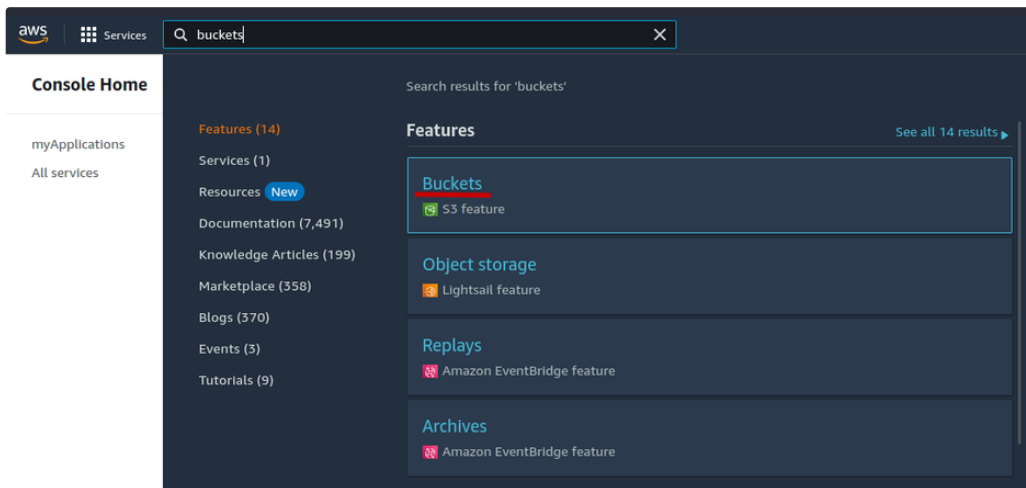

Console Home (Main AWS Page)

> 🗎 This should be the first page you are directed to when logging into your account.

To get to your desired *bucket*, type the *name* of your bucket in the search bar:
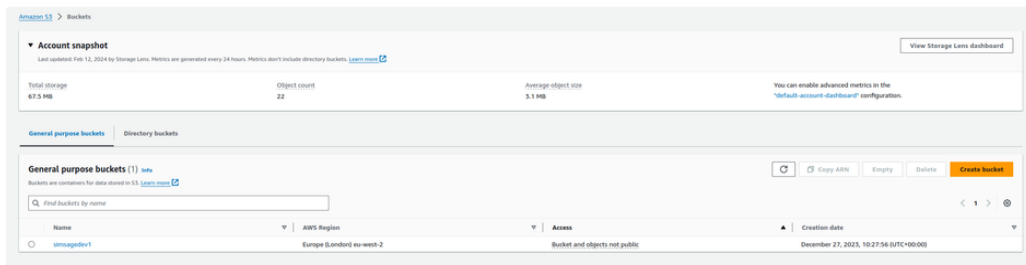
Buckets

Alternatively type buckets into the search bar:

Bucket Name & Region

After selecting your bucket, you should be redirected to something similar to the following:
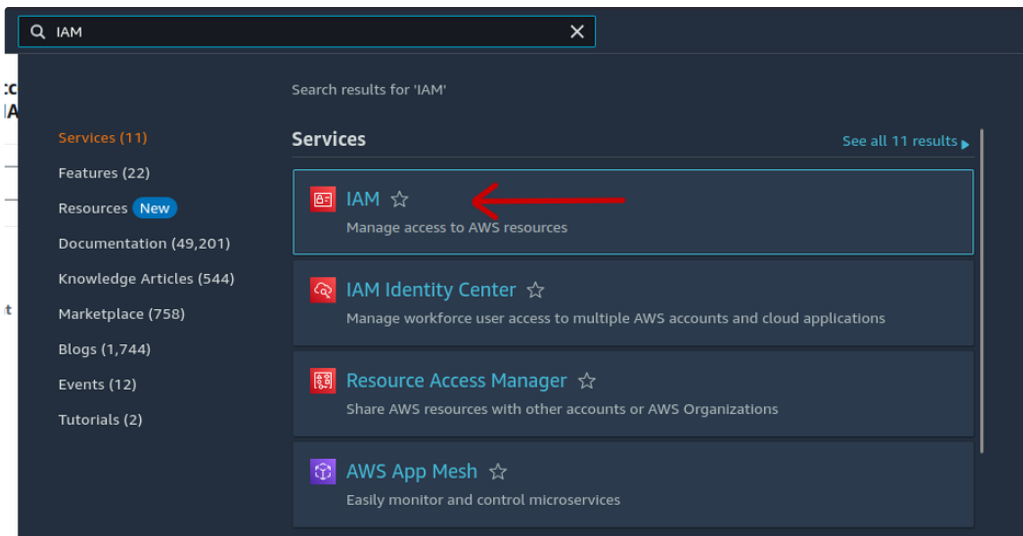

View a bucket

Note the columns 'Name' and 'AWS Region':

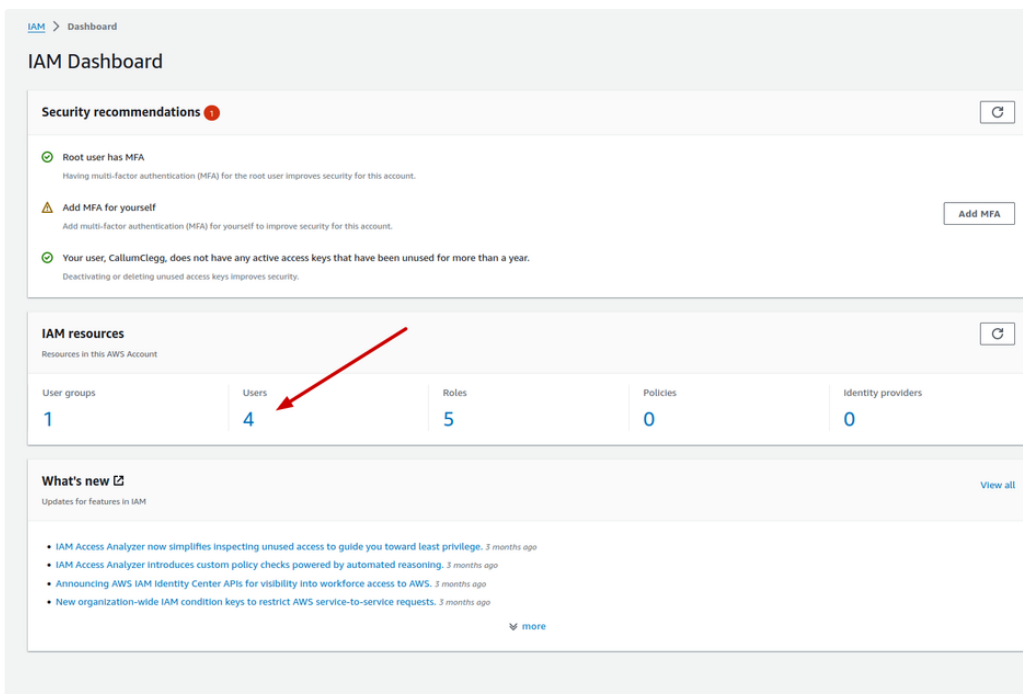| Name	▽	AWS Region
○ simsagedev1		Europe (London) eu-west-2

Name and AWS Region Credentials

Access Key & Secret Key

Type 'IAM' into the AWS search bar, and navigate to this page:

Select 'IAM'

You should be presented with the following page below, select 'Users':

Go to 'Users'

Next, select your account in the table shown:

Select your account

We should now be presented with the option to create a new *access key,* if one is not yet setup:

Select 'Create access key', or not the key shown

Follow the AWS guidance if a access key needs to be created. We *recommend* you select 'Application running outside AWS' when creating a access key

⚠ Once created, be sure to note the *secret* - you will not be able to view this again

Setting up the Crawler

Here is a example of what the input of some credentials *could* look like:

Example AWS Crawler Setup

Additional Material

📦 Buckets overview - Amazon Simple Storage Service