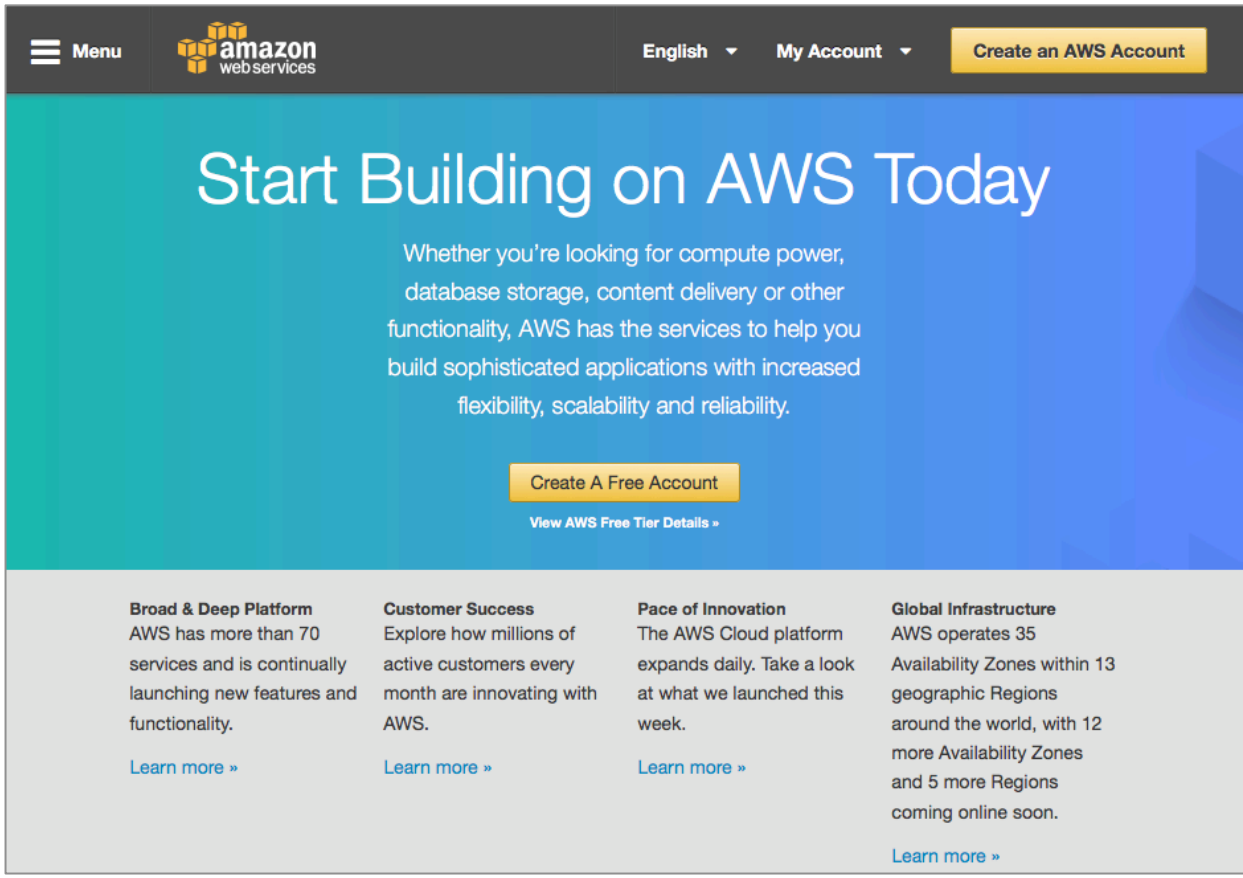
Setting Up your AWS Account.

Follow this guide to create your AWS account and provision yourself to use AWS Elastic Map Reduce.

Go to:
www.aws.amazon.com

Now click “Create an AWS Account”

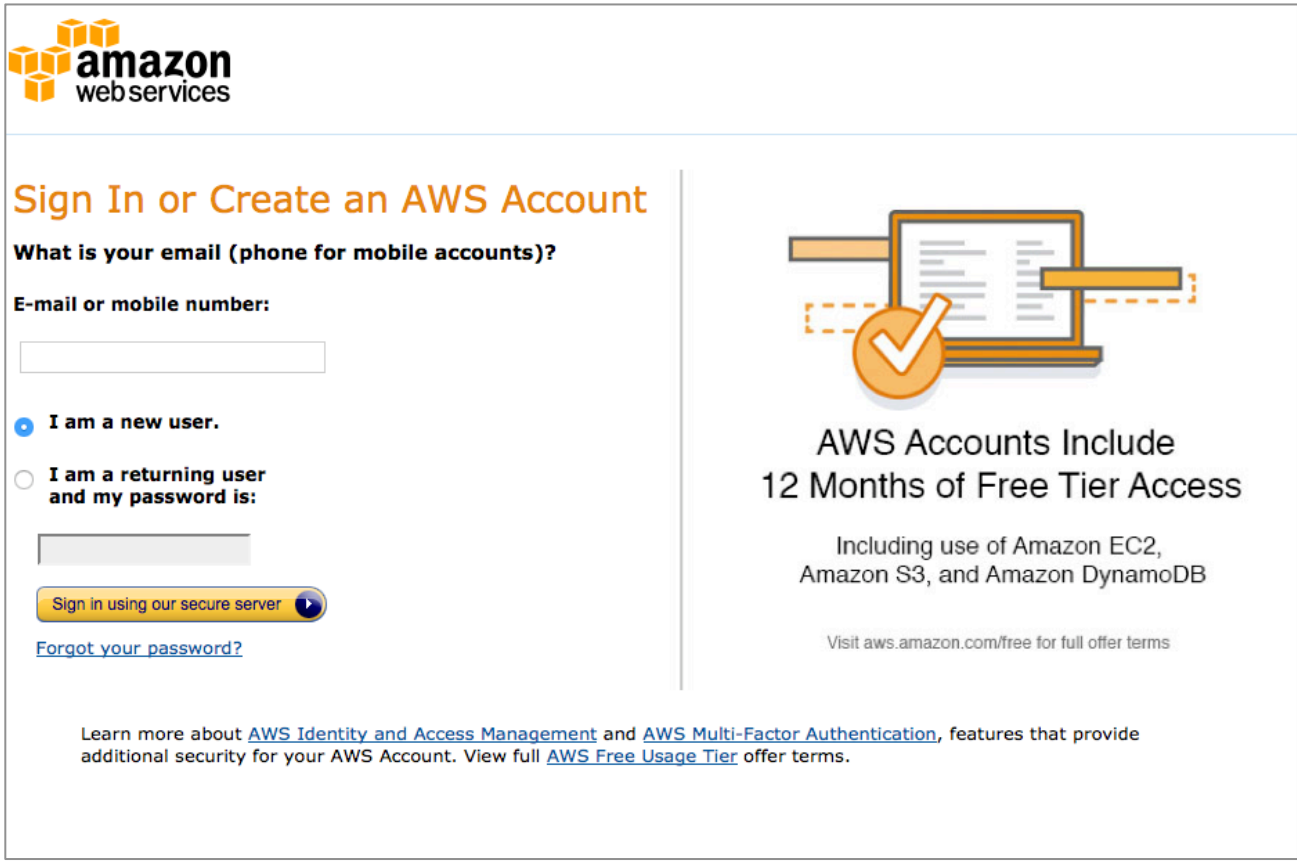
NOTE: AWS changes frequently. Some pages may look different than those seen in this guide.



Enter an email address.

Select “I am a new user”.

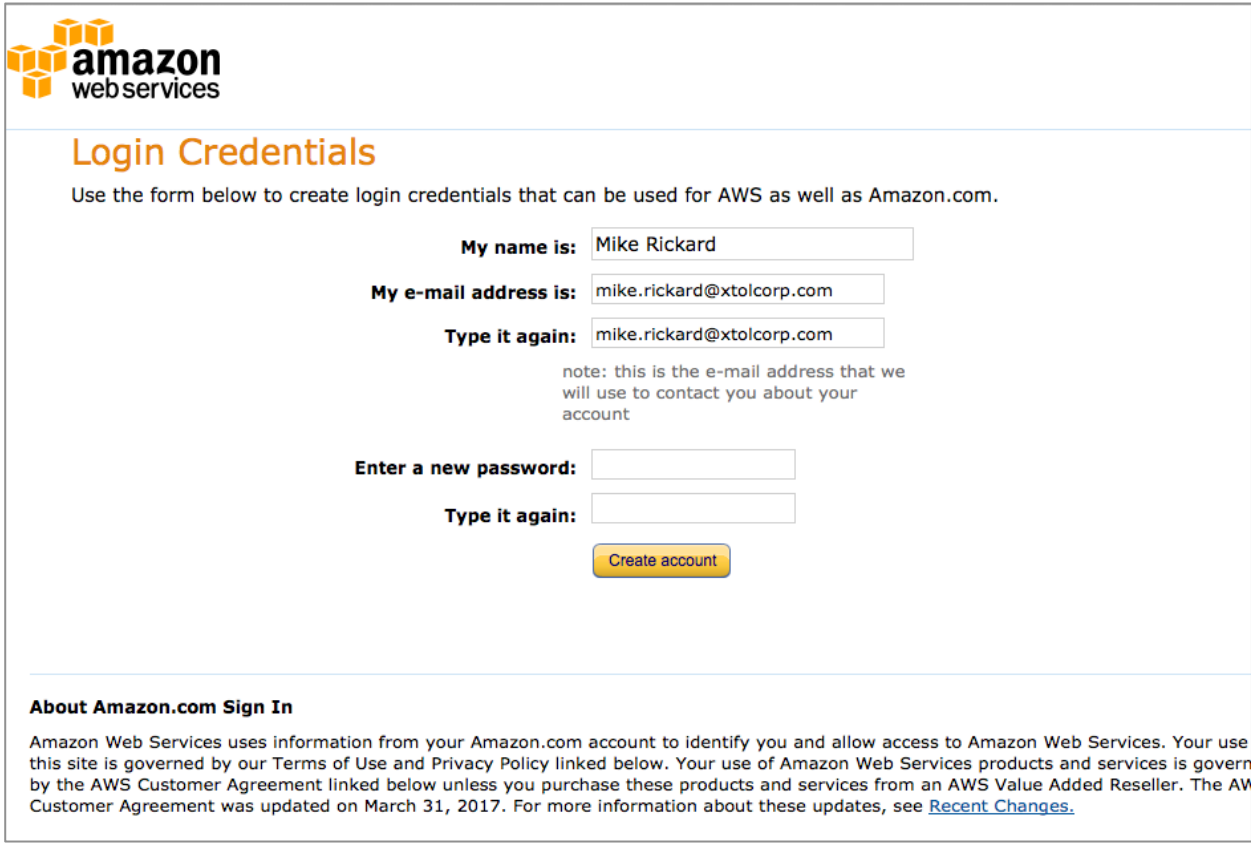
Click “Sign In”



Enter your name and email address.

Create a password.

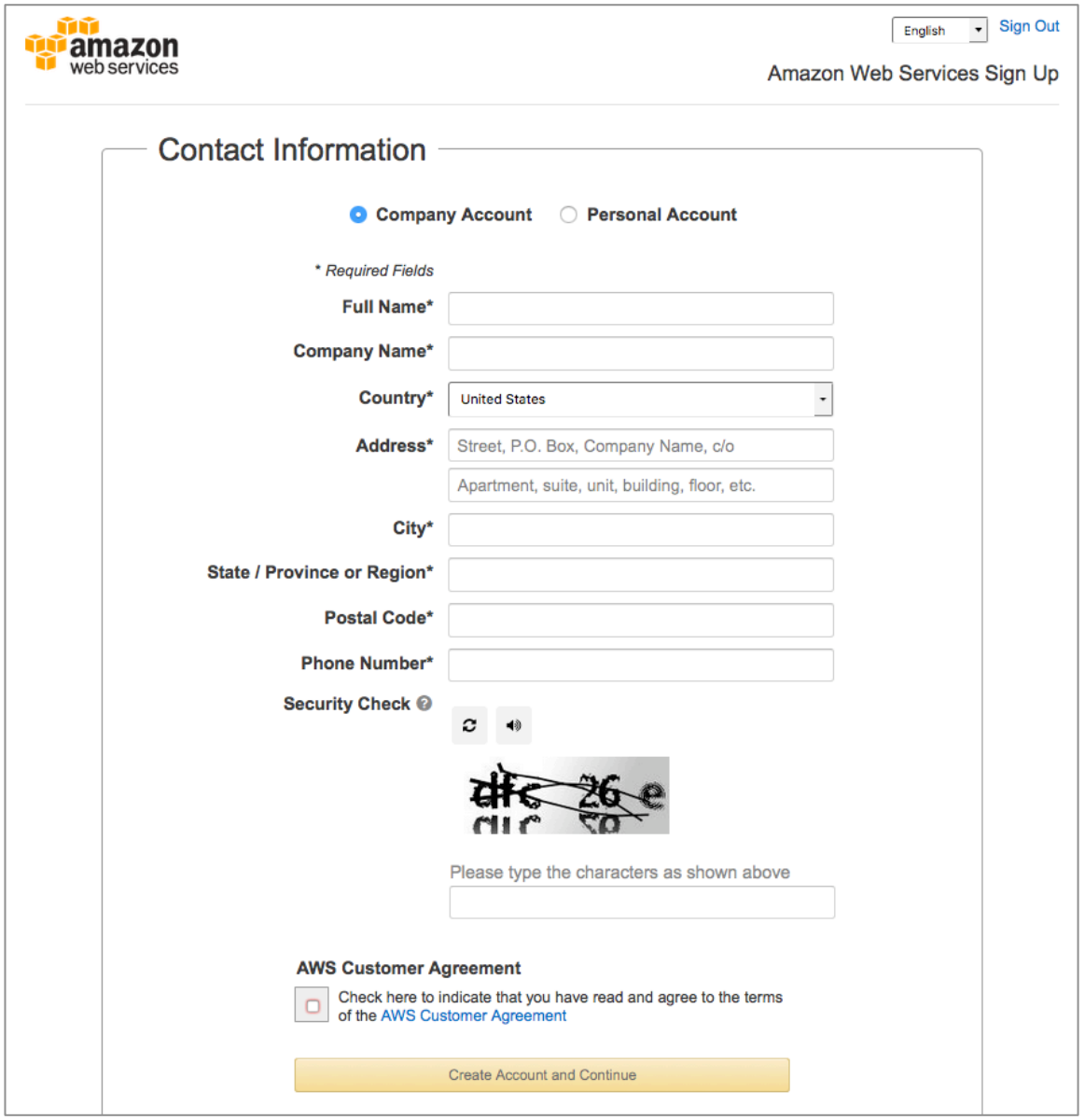
Click “Create Account”.



Enter your contact information. Enter the Security Check code.

Place a checkmark next to AWS Customer Agreement.

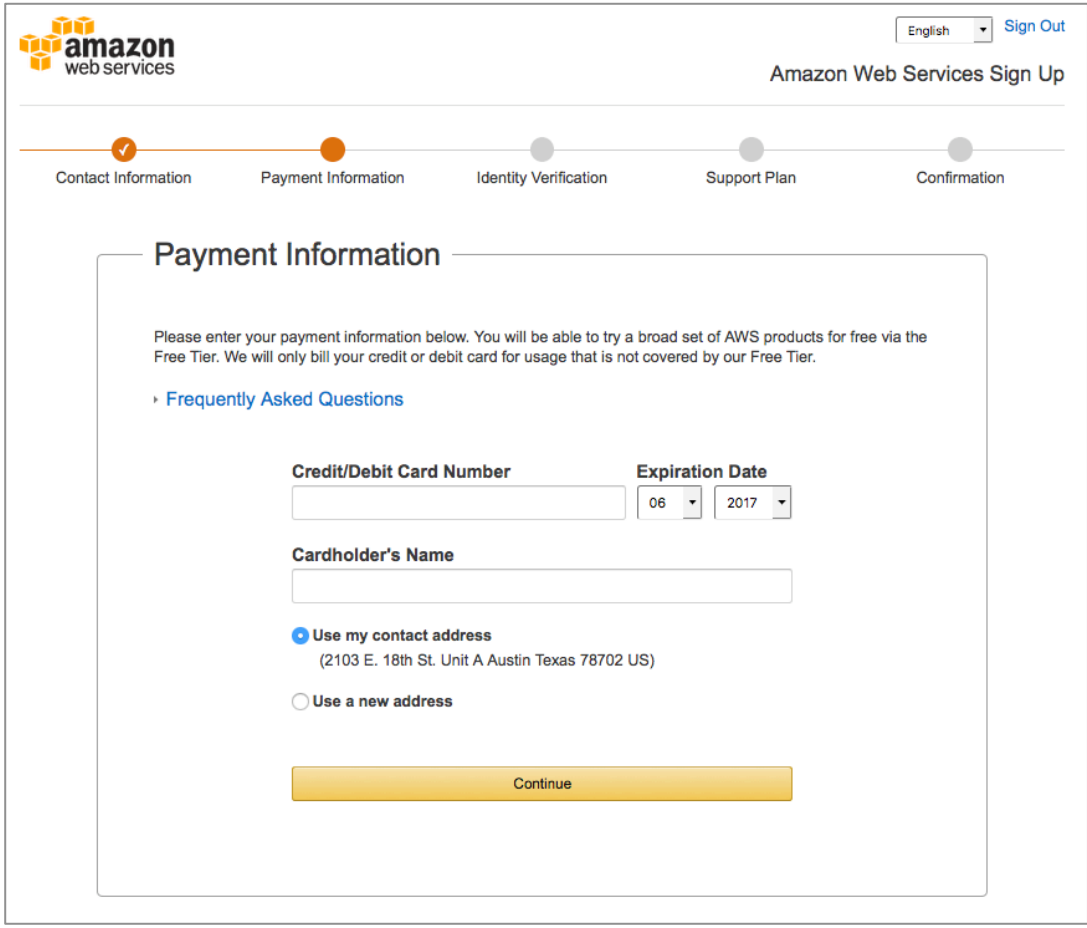
Click “Create Account and Continue”.



Enter your credit card information.

Your card will only be charged when you are actually using AWS systems to search the common crawl.

Click “Continue”.

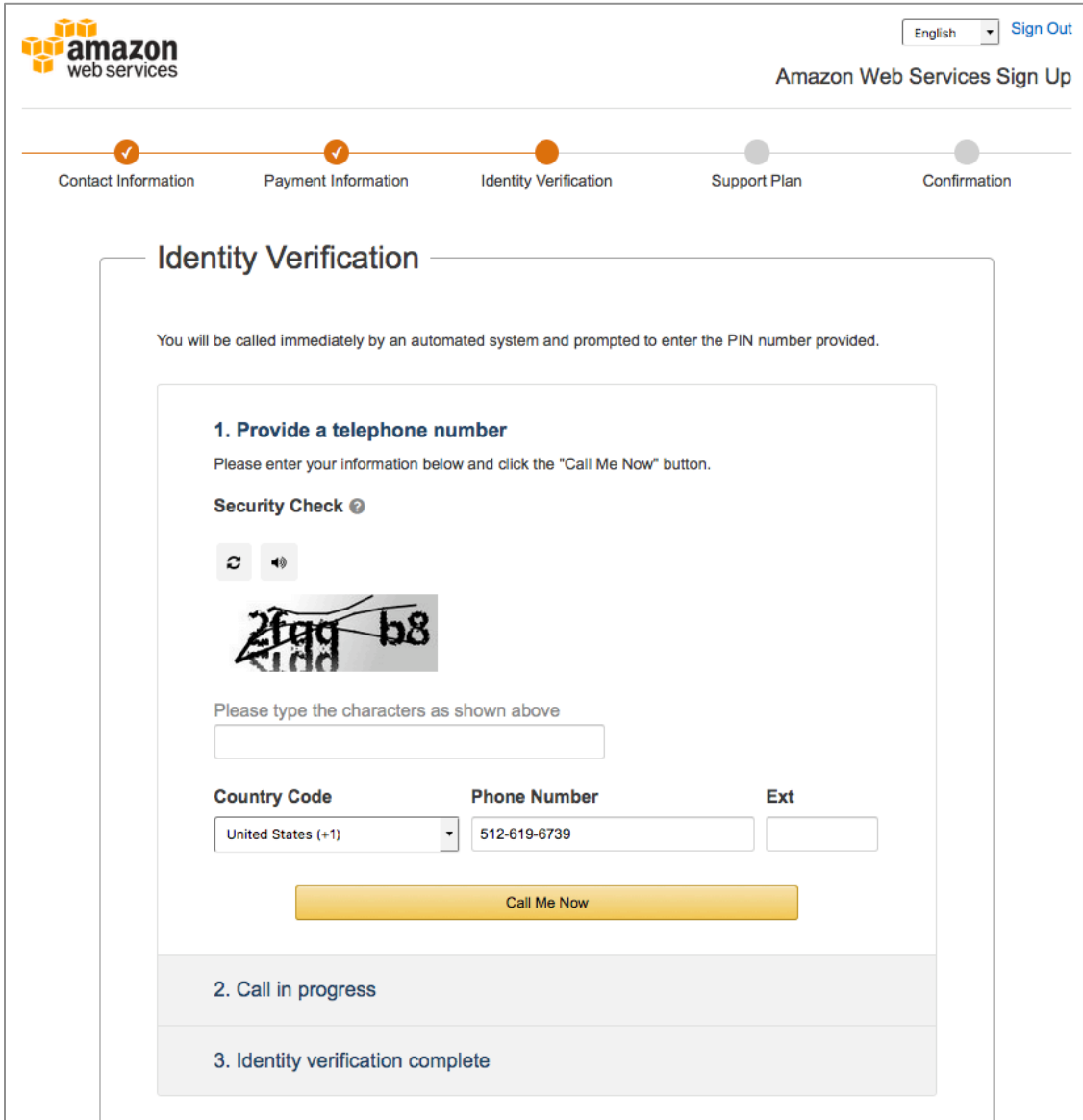


On this Identity Verification page, enter the Security Code. Have your phone handy and click “Call Me Now”.

You will get a screen with an identity PIN and you will receive a phone call.

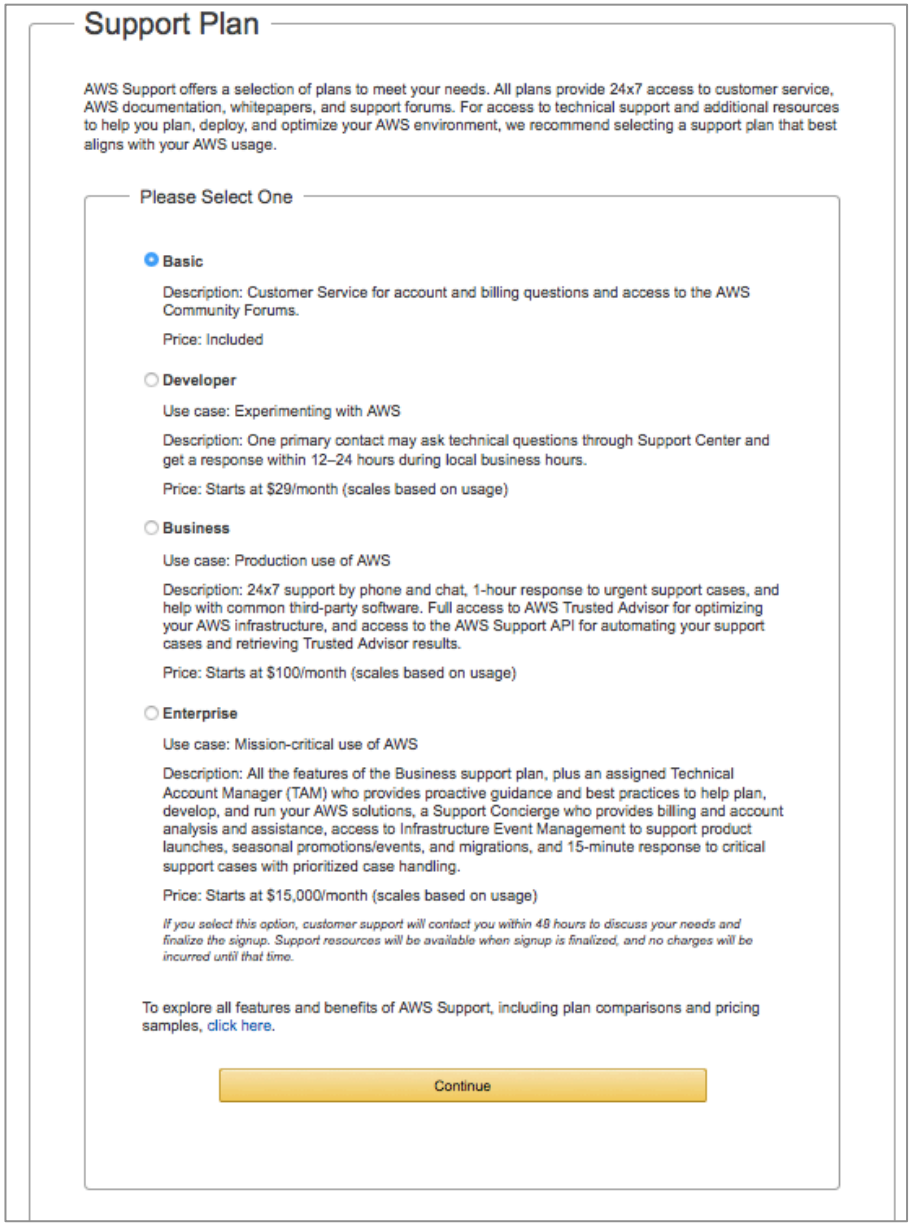
Over the phone, enter the identity PIN when prompted.

Click “Support Plan” on the Identity Verification Complete page.

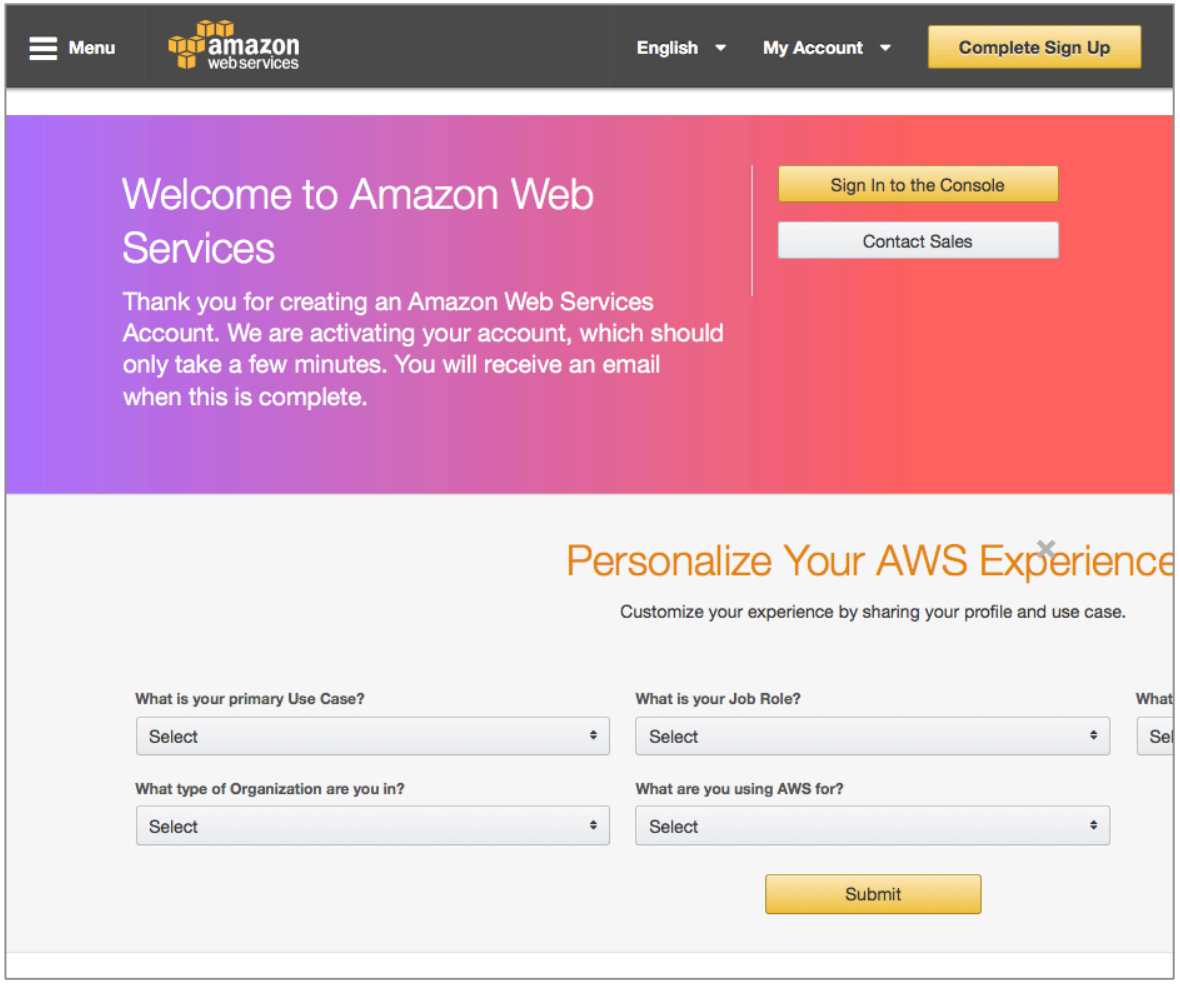


Select “Basic” on this Support Plan page.

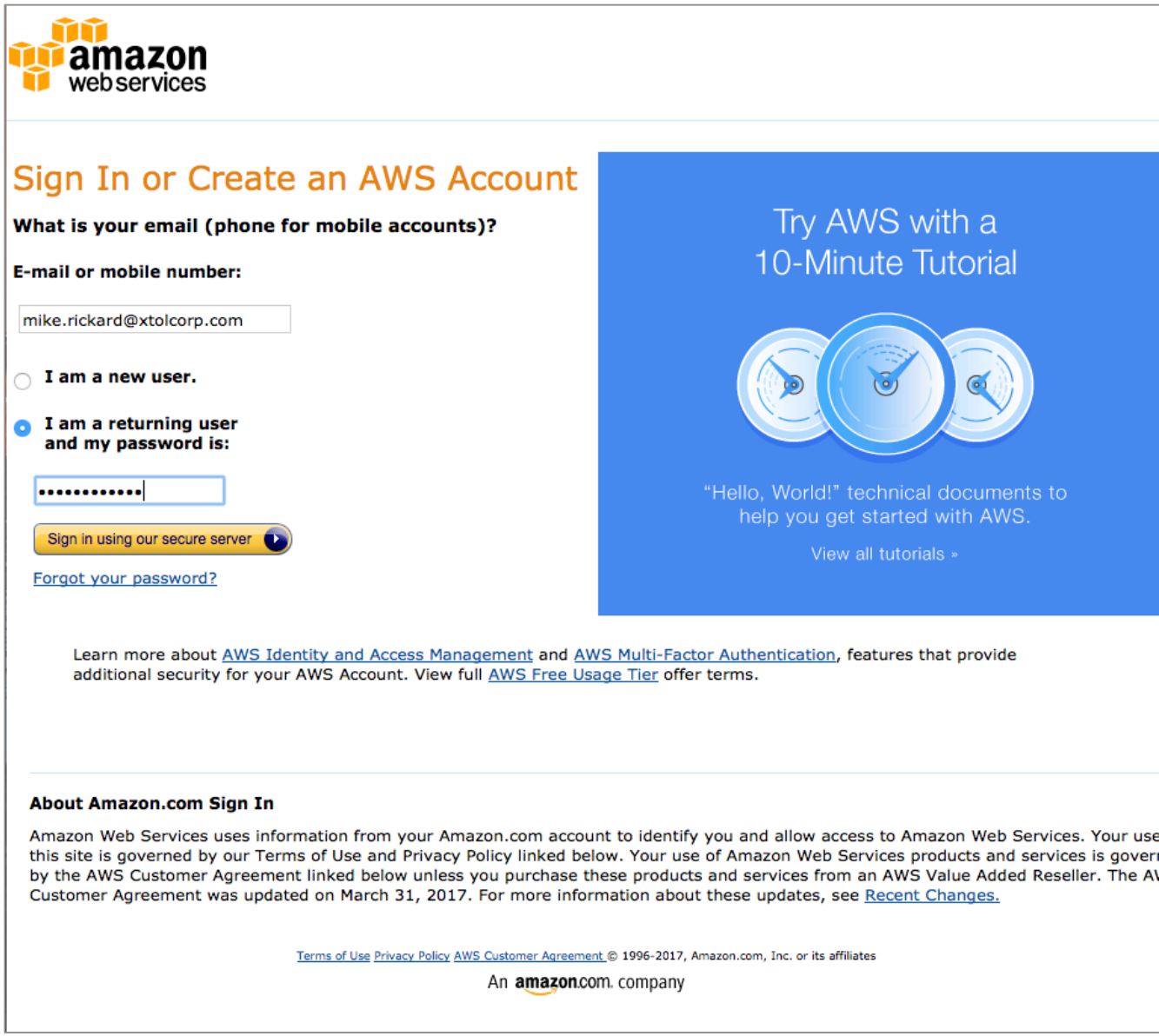
Click “Continue”.



Click on “Complete Sign Up” OR “Sign in to the Console”.



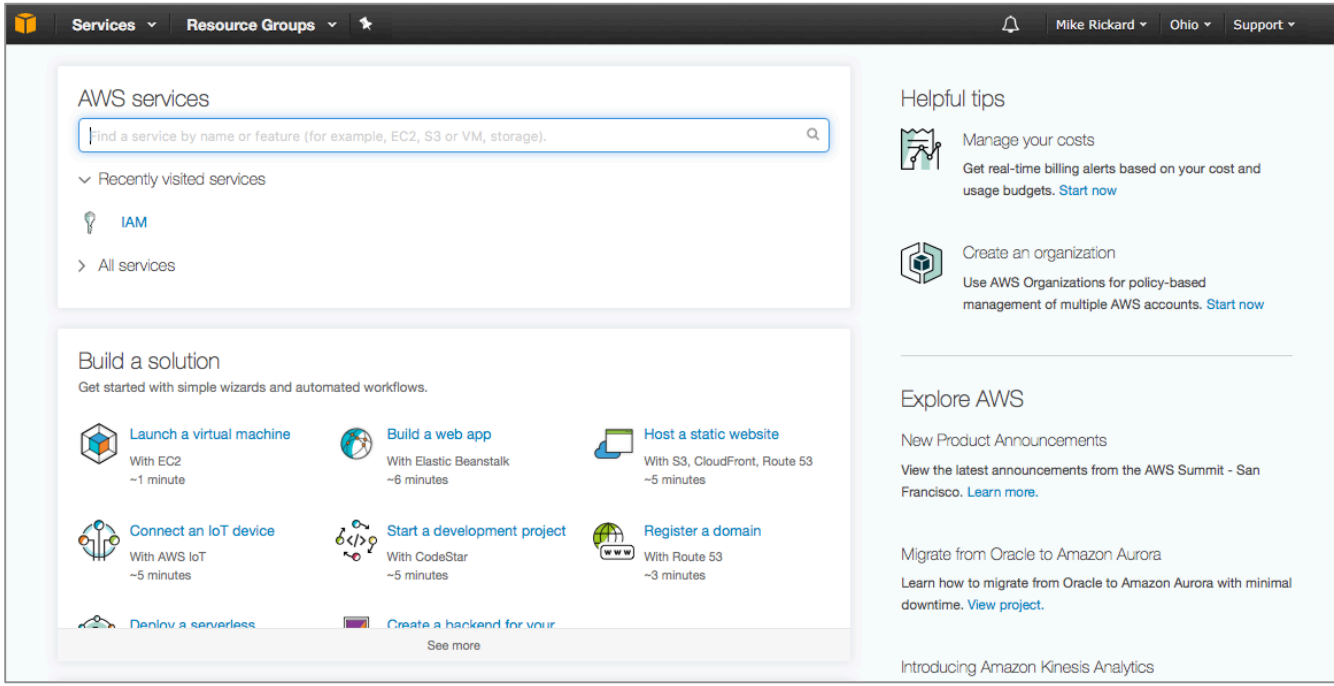
Sign in using your email address and the password you created.



This is your Console home page.

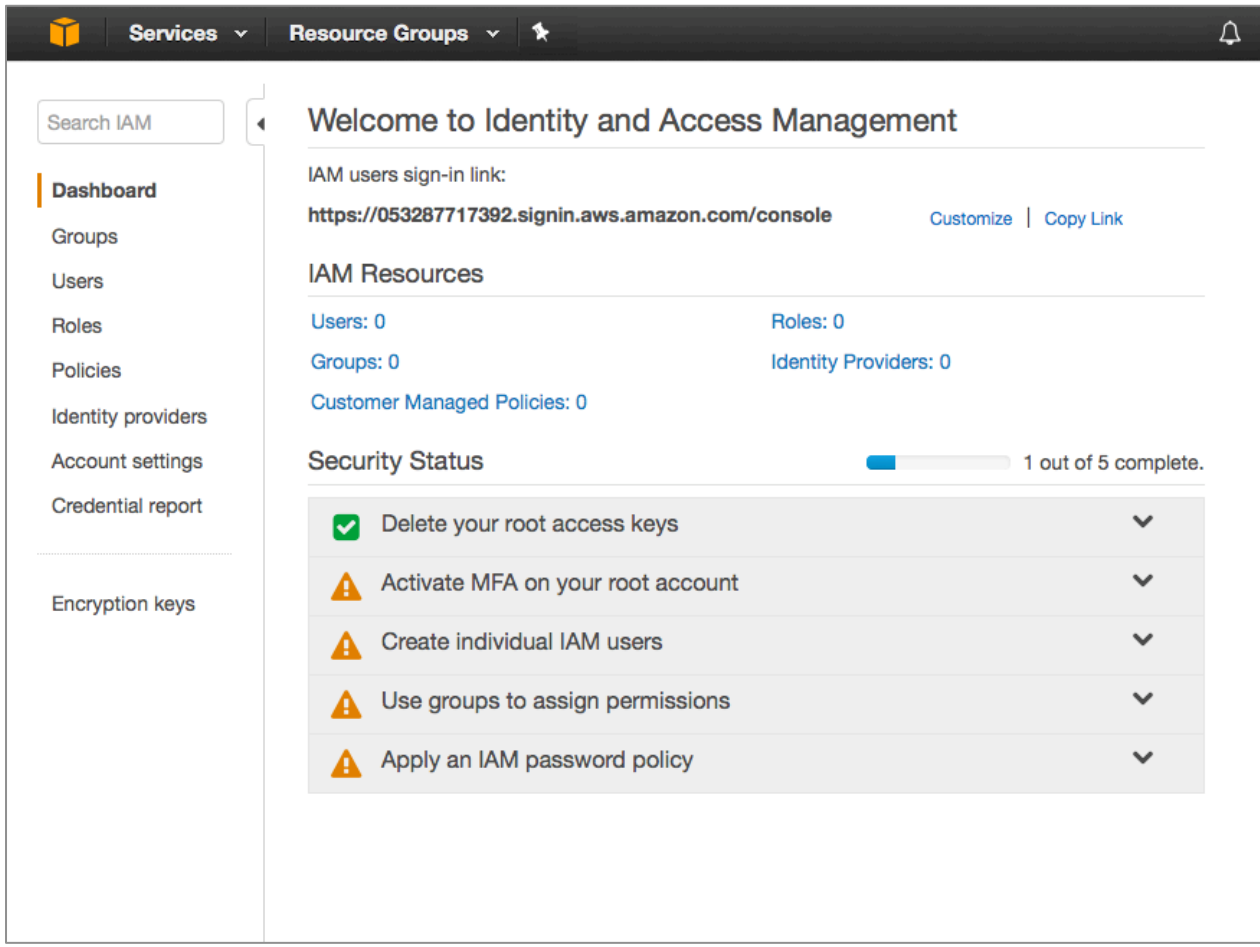
Click on “Services” in the top navigation.

To complete your set up, choose “Identity and Access Management”.

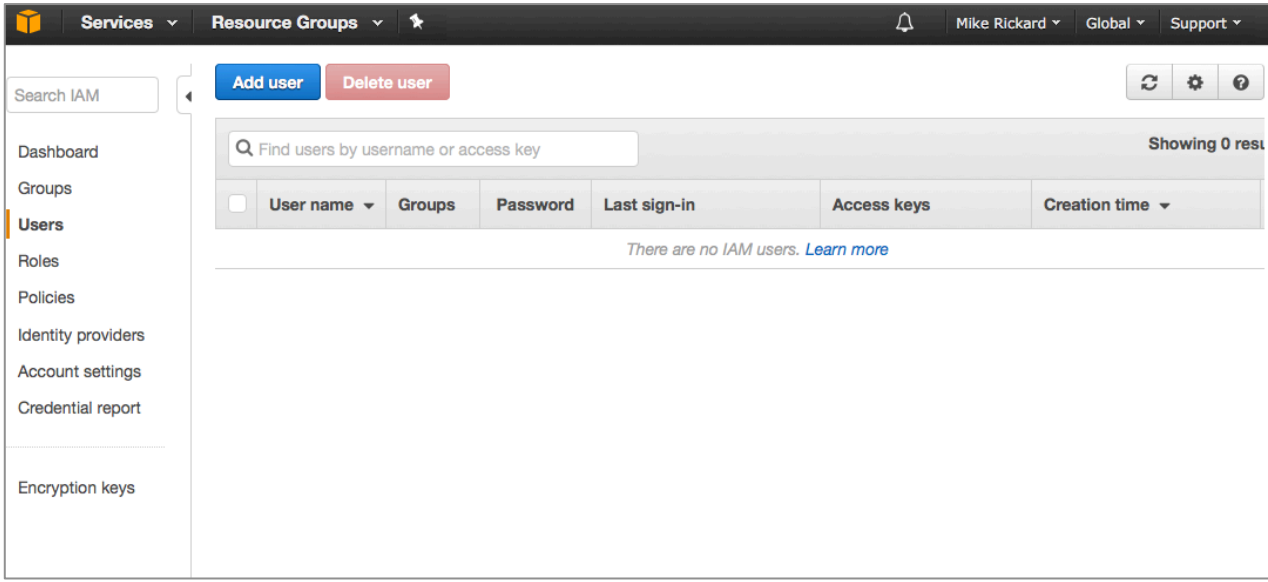


From the “Identity and Access Management” page you will do the following:

1. Confirm that your Root Access Keys have been deleted (this should have been completed for you and you will see a green check mark).
2. Click “Create individual IAM users”. Now click “Manage Users”.



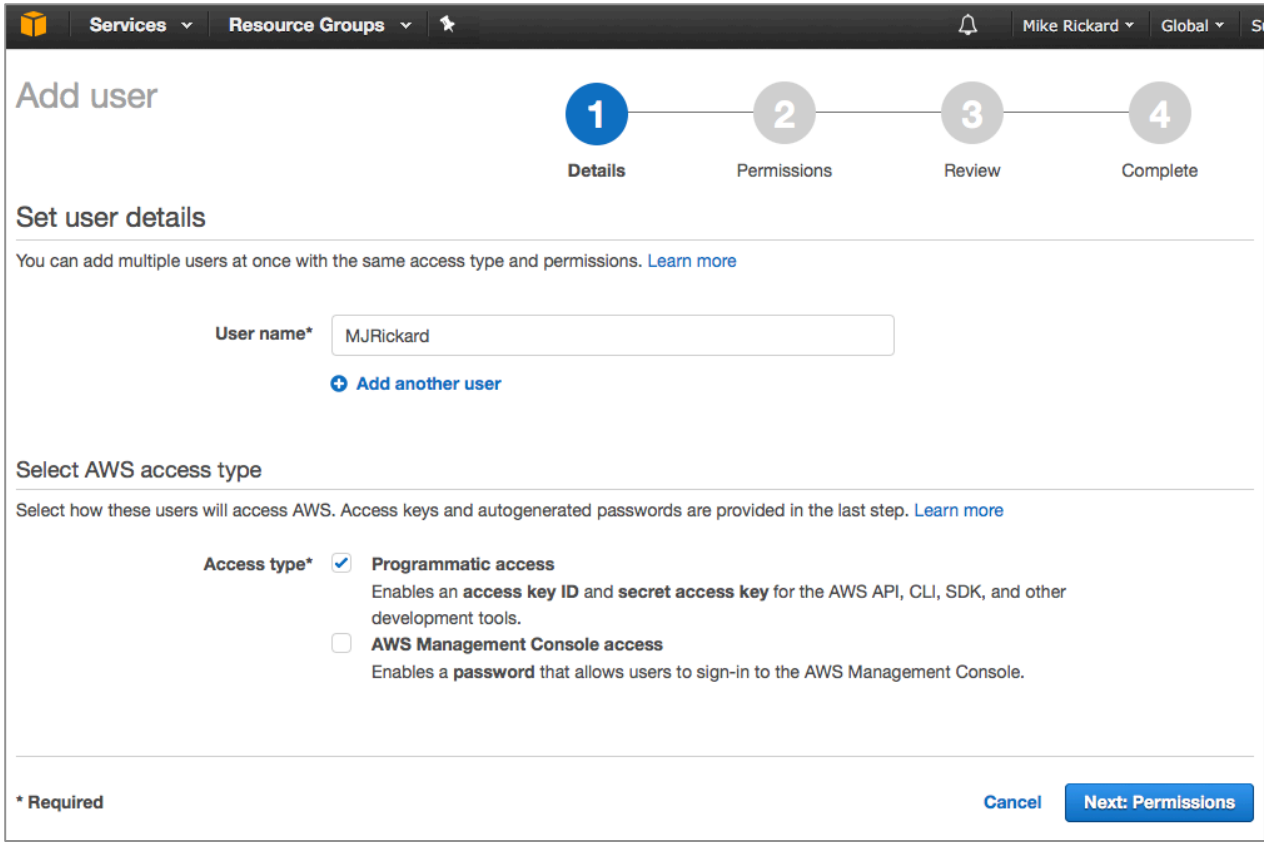
Click on “Add user”



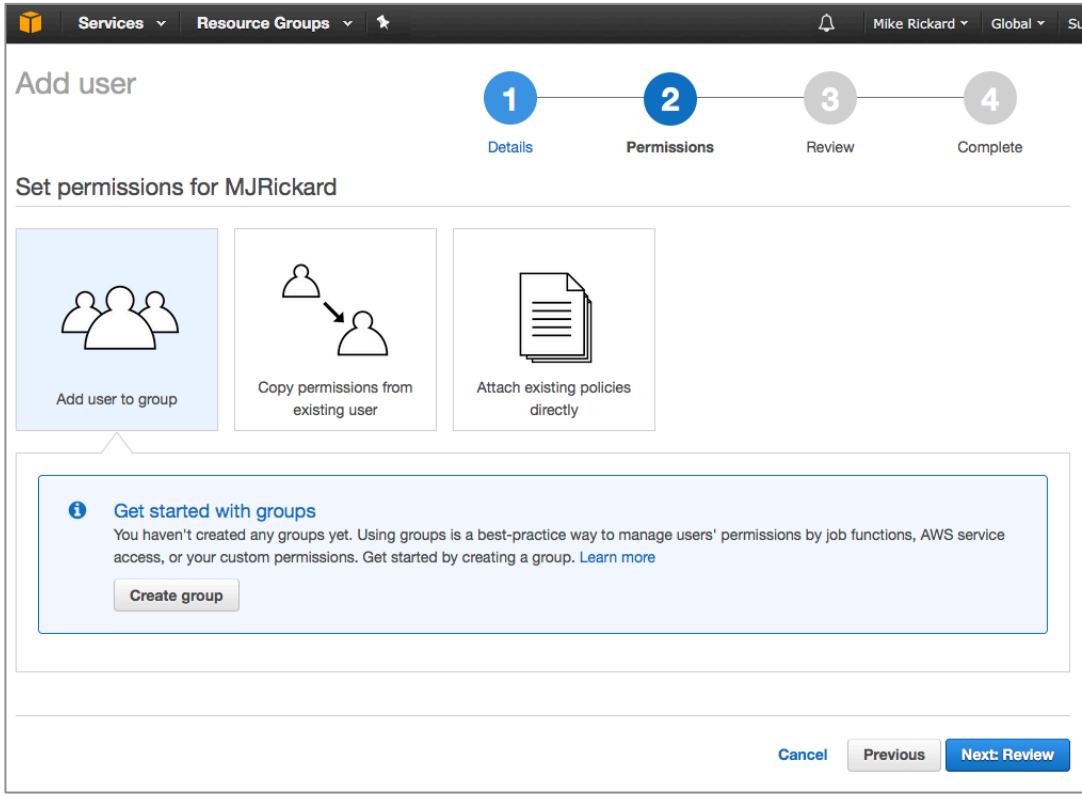
This is the “Details” page of Add User.

Create a User Name and place a check mark next to “Programmatic access”.

Now click “Next: Permissions”.



The Permission page now shows three options for adding permissions. You will choose “Attach existing policies directly”.

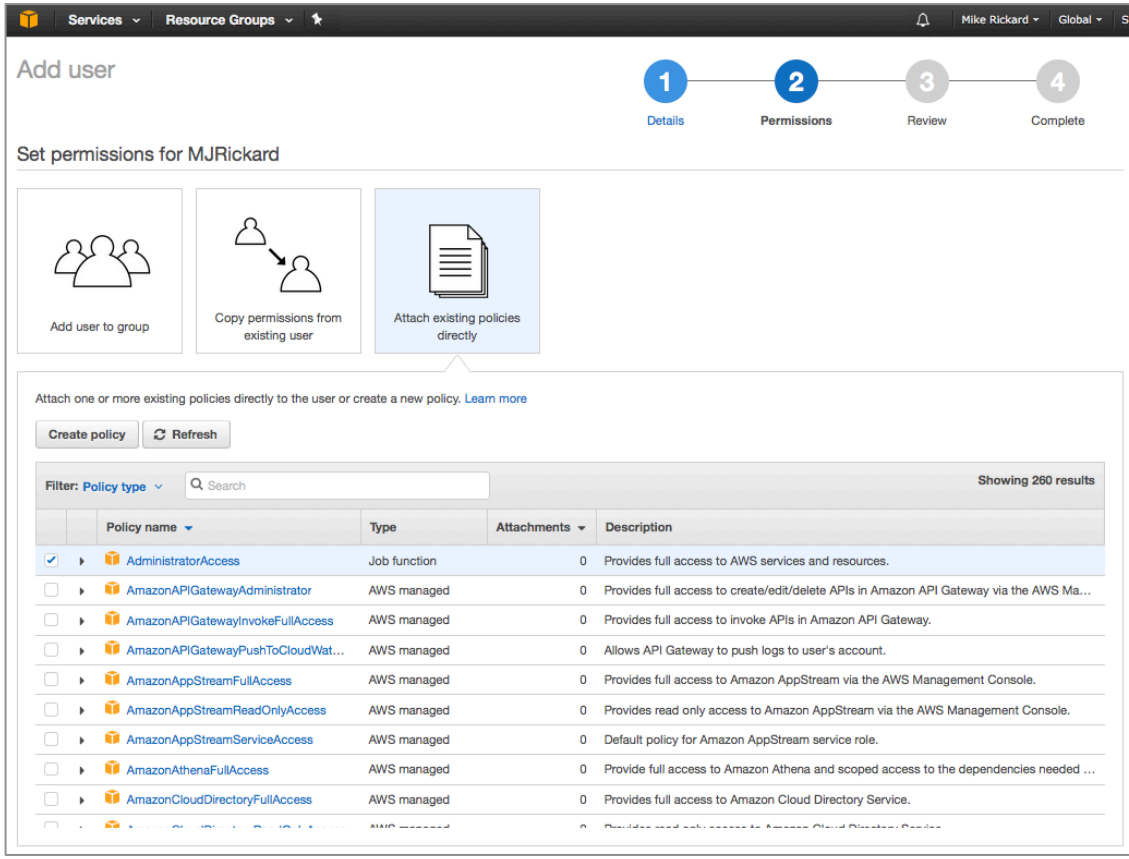


The Permission page with "Attach existing policies directly" selected will provide a list of available policies for your user.

Place checkmarks next to:

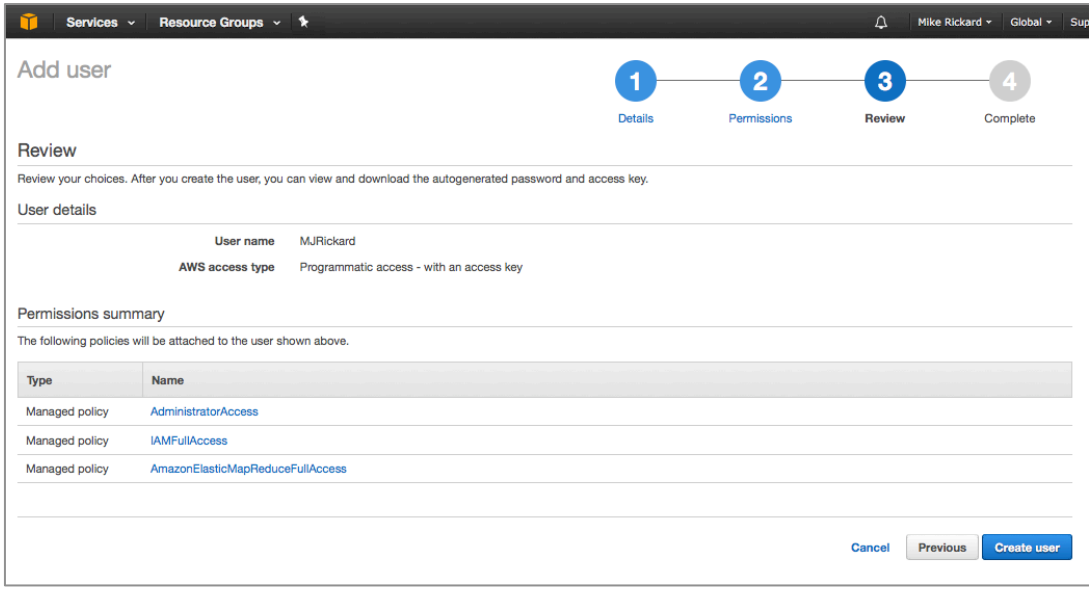
1. IAMFullAccess
2. AdministratorAccess
3. AmazonElasticMapReduceFullAccess

Click "Next: Review"



On the Review page, verify that IAMFullAccess, AdministratorAccess and AmazonElasticMapRediceFullAccess are listed.

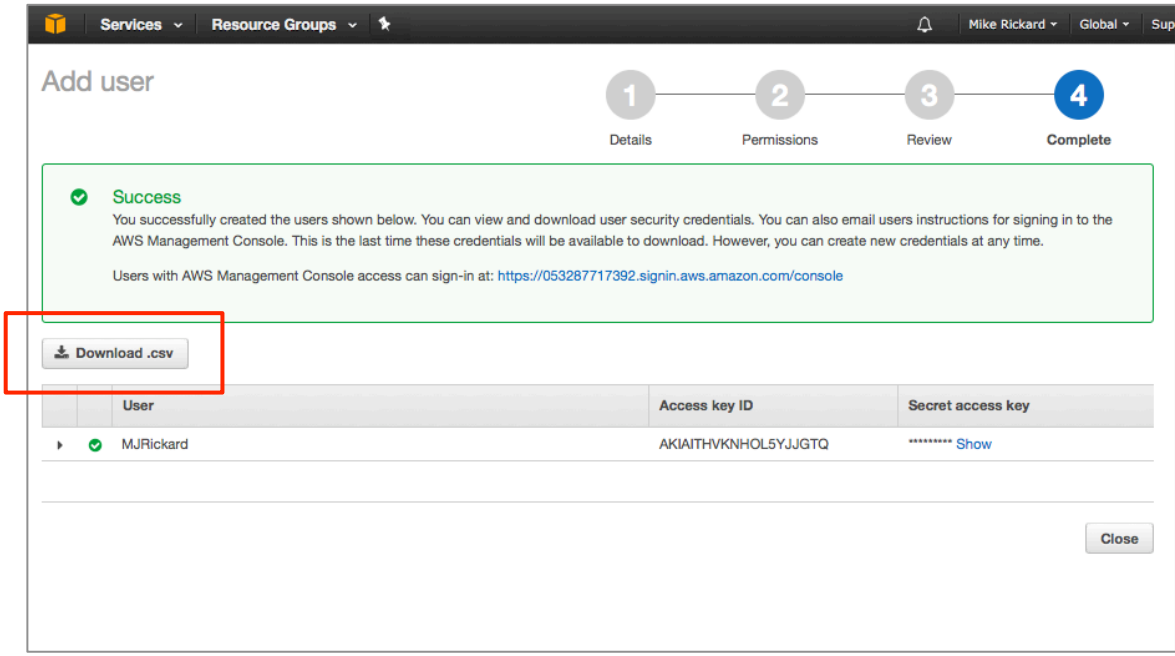
Click “Create user”.



On the “Complete” page you will download your User’s Access Key and Secret Access Key via the “Download .csv” button.

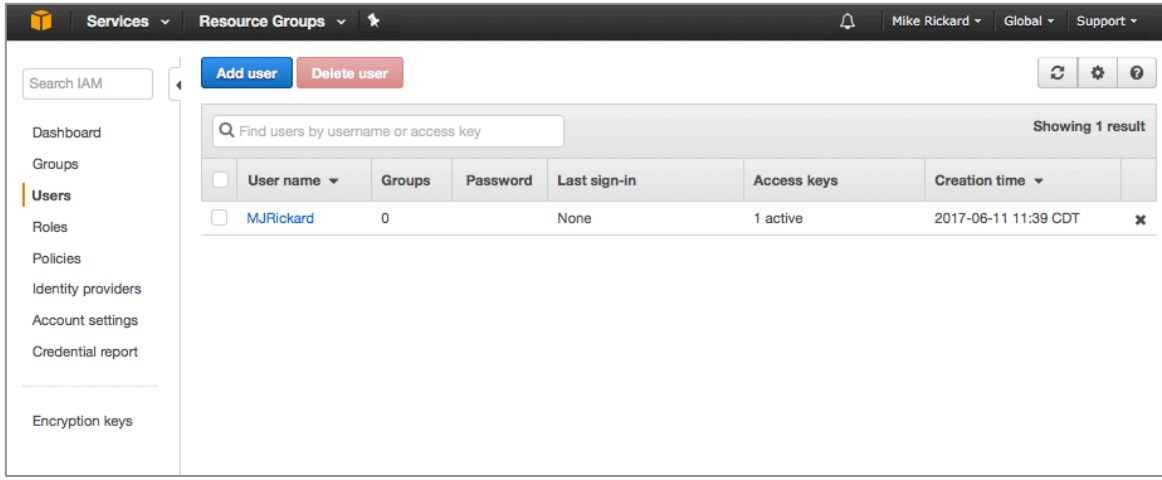
Keep this “Credentials” file in a safe location on your hard drive. You will need these credentials to set up AWS CLI and CyberDuck.

After downloading, click “Close”.



You should now see your competed User.

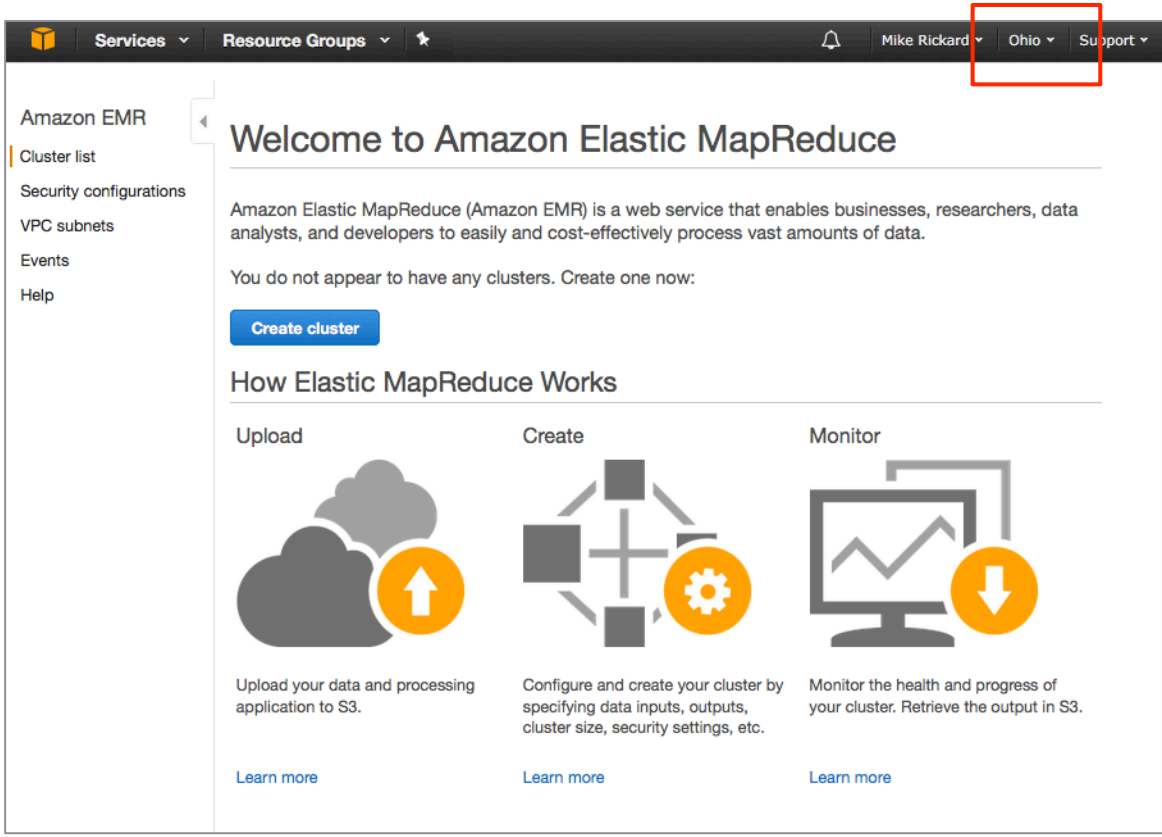
Before moving on to setting up CLI, click on Services in the top navigation and select “EMR” (Elastic Map Reduce).



From the EMR welcome page you need to choose your End Point. End Point is the Amazon physical location where you processing “clusters” will take place.

We recommend “US East (N. Virginia)”, because this is also where the Common Crawl is stored on Amazon’s S3 services.

Use the drop down to change your End Point from Ohio (or other location) to US East N. Virginia.



You have created an account, provisioned your user with permissions, downloaded your credentials and selected an End Point.

You are now ready to continue the plan of attack and set up CLI and CyberDuck.