

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”



Sign In or Create an AWS Account

What is your email (phone for mobile accounts)?

E-mail or mobile number:

☒ I am a new user.

☐ I am a returning user
and my password is:

Sign in using our secure server

[Forgot your password?](#)



**AWS Accounts Include
12 Months of Free Tier Access**

Including use of Amazon EC2,
Amazon S3, and Amazon DynamoDB

Visit aws.amazon.com/free for full offer terms

Learn more about [AWS Identity and Access Management](#) and [AWS Multi-Factor Authentication](#), features that provide additional security for your AWS Account. View full [AWS Free Usage Tier](#) offer terms.

Enter your name and email address.

Create a password.

Click “Create Account”.



Login Credentials

Use the form below to create login credentials that can be used for AWS as well as Amazon.com.

My name is:

My e-mail address is:

Type it again:

note: this is the e-mail address that we will use to contact you about your account

Enter a new password:

Type it again:

[Create account](#)


About Amazon.com Sign In

Amazon Web Services uses information from your Amazon.com account to identify you and allow access to Amazon Web Services. Your use of this site is governed by our [Terms of Use](#) and [Privacy Policy](#) linked below. Your use of Amazon Web Services products and services is governed by the [AWS Customer Agreement](#) linked below unless you purchase these products and services from an AWS Value Added Reseller. The AWS Customer Agreement was updated on March 31, 2017. For more information about these updates, see [Recent Changes](#).

Enter your contact information. Enter the Security Check code.

Place a checkmark next to AWS Customer Agreement.

Click “Create Account and Continue”.



English [Sign Out](#)

Amazon Web Services Sign Up

Contact Information

☒ Company Account ☐ Personal Account

* Required Fields

Full Name*

Company Name*

Country*

United States

Address*

Street, P.O. Box, Company Name, c/o


Apartment, suite, unit, building, floor, etc.



City*


State / Province or Region*

Postal Code*

Phone Number*

Security Check 





Please type the characters as shown above

AWS Customer Agreement

☐ Check here to indicate that you have read and agree to the terms of the [AWS Customer Agreement](#)

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”.

The screenshot shows the 'Payment Information' step of the AWS Sign Up process. At the top, the Amazon Web Services logo is on the left, and 'English' and 'Sign Out' links are on the right. The title 'Amazon Web Services Sign Up' is centered. Below this is a progress bar with five steps: 'Contact Information' (completed with an orange checkmark), 'Payment Information' (current step with an orange circle), 'Identity Verification' (grey circle), 'Support Plan' (grey circle), and 'Confirmation' (grey circle). The main content area is titled 'Payment Information' and contains the following elements:


- A paragraph: 'Please enter your payment information below. You will be able to try a broad set of AWS products for free via the Free Tier. We will only bill your credit or debit card for usage that is not covered by our Free Tier.'
- A link: 'Frequently Asked Questions' with a blue arrow icon.
- Two input fields: 'Credit/Debit Card Number' and 'Expiration Date'. The 'Expiration Date' field is split into two dropdown menus showing '06' and '2017'.
- A text input field: 'Cardholder's Name'.
- Two radio button options:
 - ☒ Use my contact address (2103 E. 18th St. Unit A Austin Texas 78702 US)
 - ☐ Use a new address
- A yellow 'Continue' button at the bottom.

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.



English [Sign Out](#)

Amazon Web Services Sign Up

Contact InformationPayment InformationIdentity VerificationSupport PlanConfirmation



Identity Verification


You will be called immediately by an automated system and prompted to enter the PIN number provided.

1. Provide a telephone number

Please enter your information below and click the "Call Me Now" button.

Security Check ?





Please type the characters as shown above

Country CodePhone NumberExt

United States (+1)

512-619-6739

Call Me Now

2. Call in progress

3. Identity verification complete

Select “Basic” on this Support Plan page.

Click “Continue”.

Support Plan

AWS Support offers a selection of plans to meet your needs. All plans provide 24x7 access to customer service, AWS documentation, whitepapers, and support forums. For access to technical support and additional resources to help you plan, deploy, and optimize your AWS environment, we recommend selecting a support plan that best aligns with your AWS usage.

Please Select One

☒ **Basic**

Description: Customer Service for account and billing questions and access to the AWS Community Forums.

Price: Included

☐ **Developer**

Use case: Experimenting with AWS

Description: One primary contact may ask technical questions through Support Center and get a response within 12–24 hours during local business hours.

Price: Starts at \$29/month (scales based on usage)

☐ **Business**

Use case: Production use of AWS

Description: 24x7 support by phone and chat, 1-hour response to urgent support cases, and help with common third-party software. Full access to AWS Trusted Advisor for optimizing your AWS infrastructure, and access to the AWS Support API for automating your support cases and retrieving Trusted Advisor results.

Price: Starts at \$100/month (scales based on usage)

☐ **Enterprise**

Use case: Mission-critical use of AWS

Description: All the features of the Business support plan, plus an assigned Technical Account Manager (TAM) who provides proactive guidance and best practices to help plan, develop, and run your AWS solutions, a Support Concierge who provides billing and account analysis and assistance, access to Infrastructure Event Management to support product launches, seasonal promotions/events, and migrations, and 15-minute response to critical support cases with prioritized case handling.

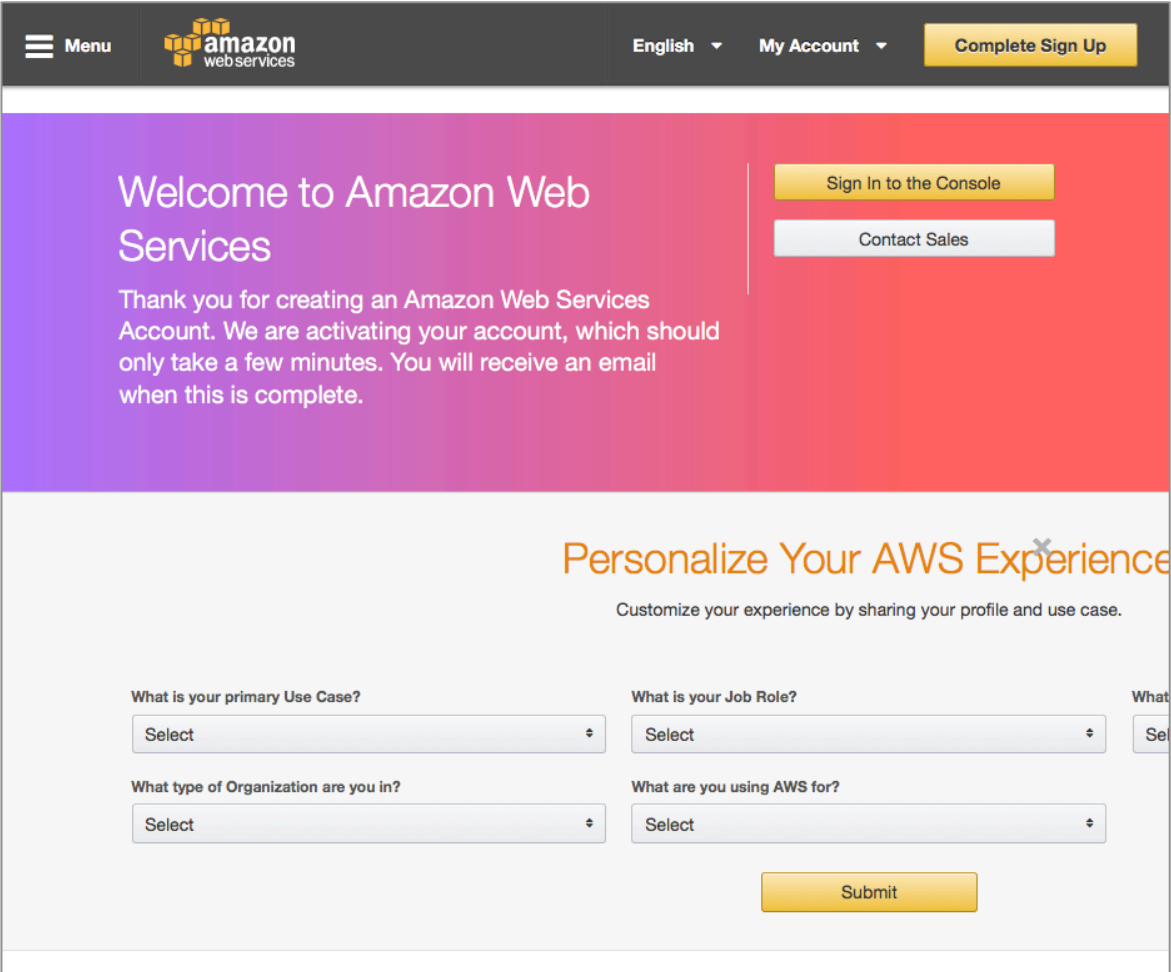
Price: Starts at \$15,000/month (scales based on usage)

If you select this option, customer support will contact you within 48 hours to discuss your needs and finalize the signup. Support resources will be available when signup is finalized, and no charges will be incurred until that time.


To explore all features and benefits of AWS Support, including plan comparisons and pricing samples, [click here](#).

Continue

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



The screenshot shows the Amazon Web Services console sign-up page. The header is dark grey with a 'Menu' icon, the 'amazon web services' logo, and links for 'English', 'My Account', and a yellow 'Complete Sign Up' button. The main content area has a purple-to-red gradient background. It features a 'Welcome to Amazon Web Services' message, a thank-you note about account activation, and two buttons: 'Sign In to the Console' (yellow) and 'Contact Sales' (grey). Below this is a section titled 'Personalize Your AWS Experience' with a sub-header 'Customize your experience by sharing your profile and use case.' This section contains four dropdown menus: 'What is your primary Use Case?', 'What is your Job Role?', 'What type of Organization are you in?', and 'What are you using AWS for?'. A yellow 'Submit' button is at the bottom right.

Menu  English ▾ My Account ▾ [Complete Sign Up](#)

Welcome to Amazon Web Services

Thank you for creating an Amazon Web Services Account. We are activating your account, which should only take a few minutes. You will receive an email when this is complete.

[Sign In to the Console](#)
[Contact Sales](#)

Personalize Your AWS Experience

Customize your experience by sharing your profile and use case.

What is your primary Use Case?

What is your Job Role?

What type of Organization are you in?

What are you using AWS for?

[Submit](#)

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



Sign In or Create an AWS Account

What is your email (phone for mobile accounts)?

E-mail or mobile number:

mike.rickard@xtolcorp.com

☐ I am a new user.

☒ I am a returning user
and my password is:

.....

Sign in using our secure server

[Forgot your password?](#)

Try AWS with a
10-Minute Tutorial



"Hello, World!" technical documents to
help you get started with AWS.

[View all tutorials »](#)

Learn more about [AWS Identity and Access Management](#) and [AWS Multi-Factor Authentication](#), features that provide additional security for your AWS Account. View full [AWS Free Usage Tier](#) offer terms.

About Amazon.com Sign In

Amazon Web Services uses information from your Amazon.com account to identify you and allow access to Amazon Web Services. Your use of this site is governed by our Terms of Use and Privacy Policy linked below. Your use of Amazon Web Services products and services is governed by the AWS Customer Agreement linked below unless you purchase these products and services from an AWS Value Added Reseller. The AWS Customer Agreement was updated on March 31, 2017. For more information about these updates, see [Recent Changes](#).

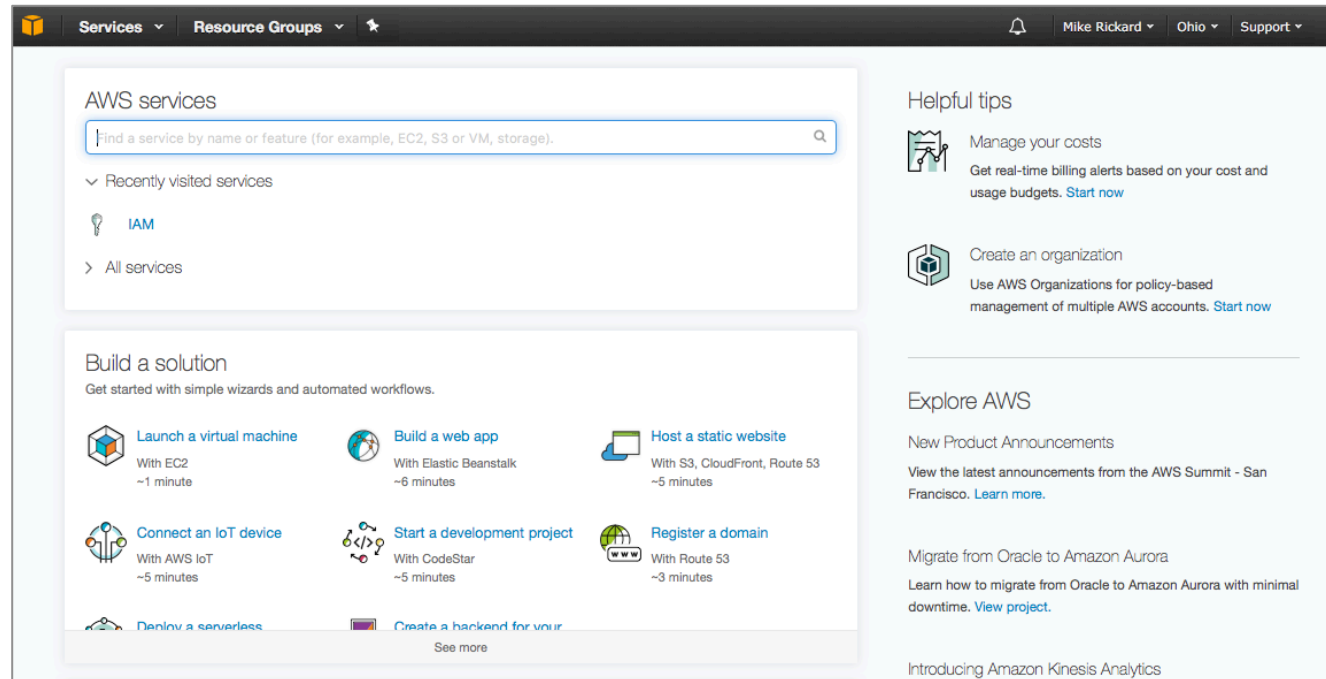
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An [amazon.com](#) company

This is your Console home page.

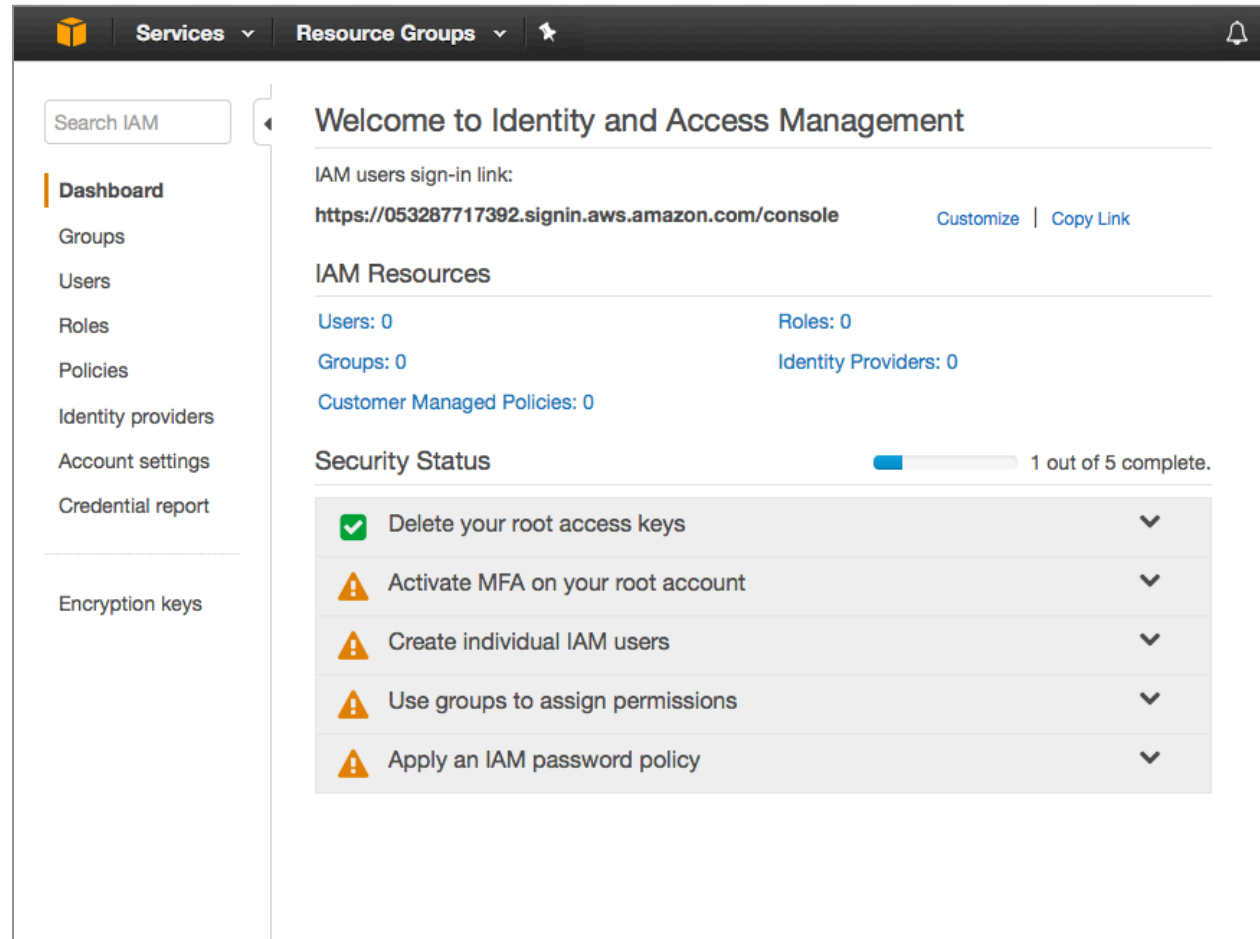
Click on “Services” in the top navigation.

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”

The screenshot shows the AWS IAM console interface. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', and user information (Mike Rickard, Global, Support). The left sidebar contains a search bar and a list of IAM entities: Dashboard, Groups, Users (highlighted with an orange bar), Roles, Policies, Identity providers, Account settings, Credential report, and Encryption keys. The main content area is titled 'Users' and features two buttons: 'Add user' (blue) and 'Delete user' (red). Below these buttons is a search bar labeled 'Find users by username or access key' and a table header with columns: 'User name', 'Groups', 'Password', 'Last sign-in', 'Access keys', and 'Creation time'. The table is currently empty, displaying the message 'There are no IAM users. [Learn more](#)'.

Services ▾ Resource Groups ▾ ⭐

Mike Rickard ▾ Global ▾ Support ▾

Search IAM

Dashboard
Groups
Users
Roles
Policies
Identity providers
Account settings
Credential report
Encryption keys

Add user **Delete user**

Find users by username or access key

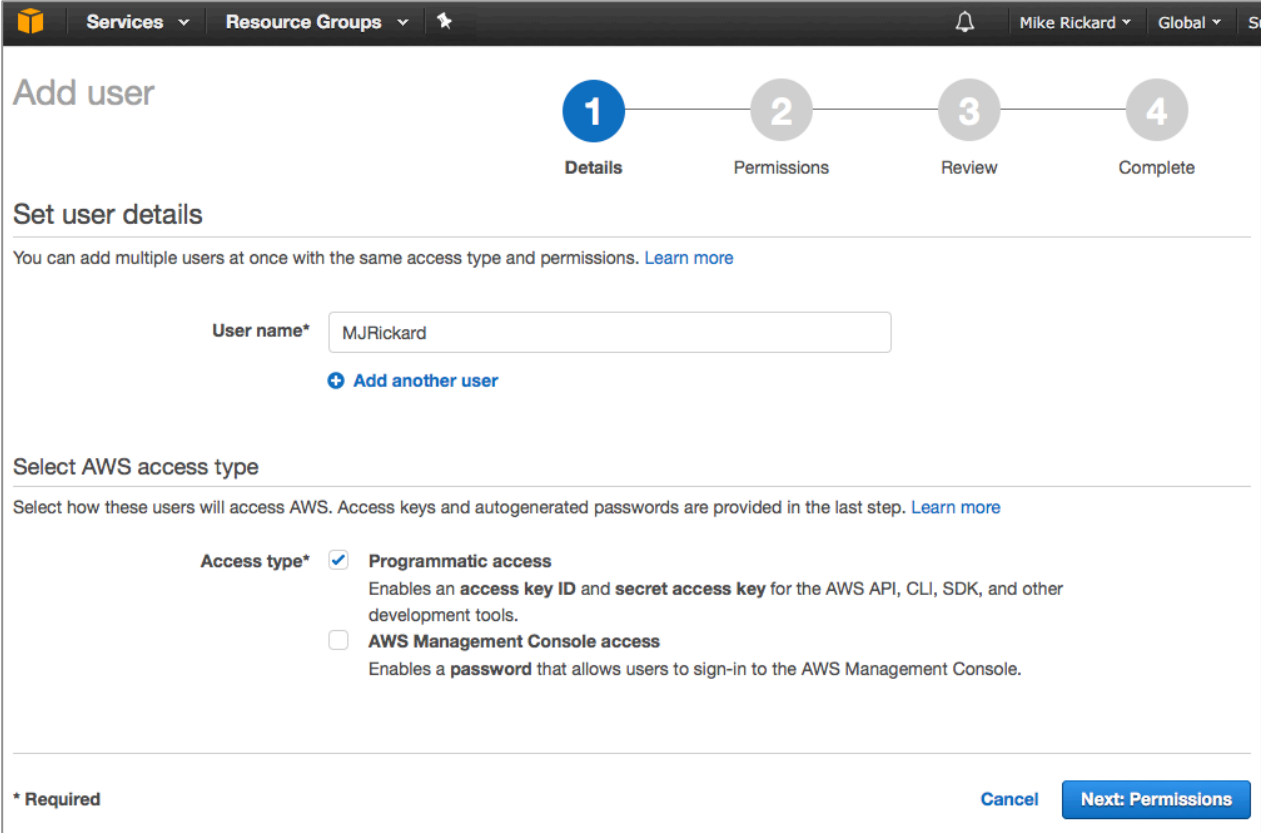
Showing 0 results

<input type="checkbox"/>	User name ▾	Groups	Password	Last sign-in	Access keys	Creation time ▾
There are no IAM users. Learn more						

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 screenshot shows the AWS IAM 'Add user' wizard. The top navigation bar includes the AWS logo, 'Services', 'Resource Groups', a star icon, a notification bell, and the user 'Mike Rickard' with a dropdown arrow, and 'Global' with a dropdown arrow. The main header is 'Add user'. Below it is a progress bar with four steps: 1. Details (active, blue circle), 2. Permissions (grey circle), 3. Review (grey circle), and 4. Complete (grey circle). The section title is 'Set user details'. Below this, a text input field for 'User name*' contains 'MJRickard'. A blue link '+ Add another user' is below the input field. The next section is 'Select AWS access type'. It contains a text input field for 'Access type*' and two radio button options: 'Programmatic access' (selected with a blue checkmark) and 'AWS Management Console access' (unselected). The 'Programmatic access' option has a description: 'Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.' The 'AWS Management Console access' option has a description: 'Enables a **password** that allows users to sign-in to the AWS Management Console.' At the bottom left, there is a note '* Required'. At the bottom right, there are two buttons: 'Cancel' and 'Next: Permissions' (highlighted in blue).

Services ▾ Resource Groups ▾ ★

Mike Rickard ▾ Global ▾ S

Add user

1 Details 2 Permissions 3 Review 4 Complete

Set user details

You can add multiple users at once with the same access type and permissions. [Learn more](#)

User name* MJRickard

+ Add another user

Select AWS access type

Select how these users will access AWS. Access keys and autogenerated passwords are provided in the last step. [Learn more](#)

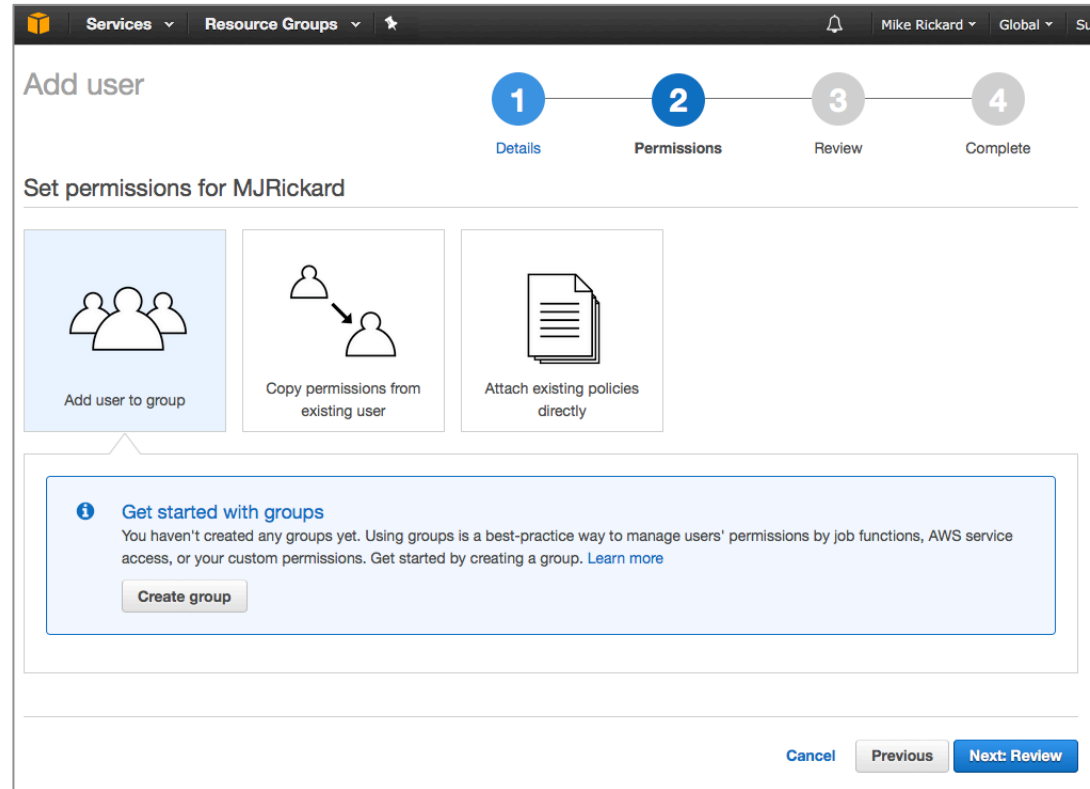
Access type* ☒ **Programmatic access**
Enables an **access key ID** and **secret access key** for the AWS API, CLI, SDK, and other development tools.

☐ **AWS Management Console access**
Enables a **password** that allows users to sign-in to the AWS Management Console.

* Required

Cancel 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”

The screenshot shows the AWS IAM 'Add user' page, specifically the 'Set permissions for MJRickard' step. The 'Attach existing policies directly' option is selected. Below this, a table lists available policies. The first policy, 'AdministratorAccess', is checked.

	Policy name	Type	Attachments	Description
<input checked="" type="checkbox"/>	AdministratorAccess	Job function	0	Provides full access to AWS services and resources.
<input type="checkbox"/>	AmazonAPIGatewayAdministrator	AWS managed	0	Provides full access to create/edit/delete APIs in Amazon API Gateway via the AWS Ma...
<input type="checkbox"/>	AmazonAPIGatewayInvokeFullAccess	AWS managed	0	Provides full access to invoke APIs in Amazon API Gateway.
<input type="checkbox"/>	AmazonAPIGatewayPushToCloudWat...	AWS managed	0	Allows API Gateway to push logs to user's account.
<input type="checkbox"/>	AmazonAppStreamFullAccess	AWS managed	0	Provides full access to Amazon AppStream via the AWS Management Console.
<input type="checkbox"/>	AmazonAppStreamReadOnlyAccess	AWS managed	0	Provides read only access to Amazon AppStream via the AWS Management Console.
<input type="checkbox"/>	AmazonAppStreamServiceAccess	AWS managed	0	Default policy for Amazon AppStream service role.
<input type="checkbox"/>	AmazonAthenaFullAccess	AWS managed	0	Provide full access to Amazon Athena and scoped access to the dependencies needed ...
<input type="checkbox"/>	AmazonCloudDirectoryFullAccess	AWS managed	0	Provides full access to Amazon Cloud Directory Service.

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

Click “Create user”.

Add user

1 Details 2 Permissions 3 Review 4 Complete

Review

Review your choices. After you create the user, you can view and download the autogenerated password and access key.

User details

User name	MJRickard
AWS access type	Programmatic access - with an access key

Permissions summary

The following policies will be attached to the user shown above.

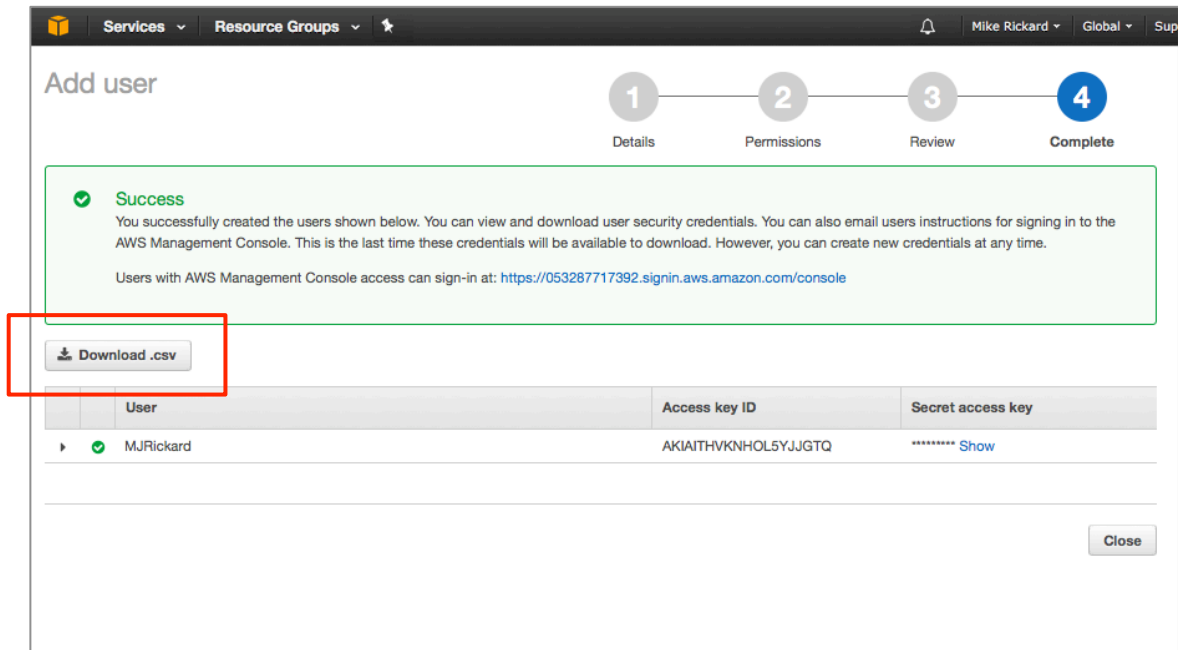
Type	Name
Managed policy	AdministratorAccess
Managed policy	IAMFullAccess
Managed policy	AmazonElasticMapReduceFullAccess

[Cancel](#) [Previous](#) [Create user](#)

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

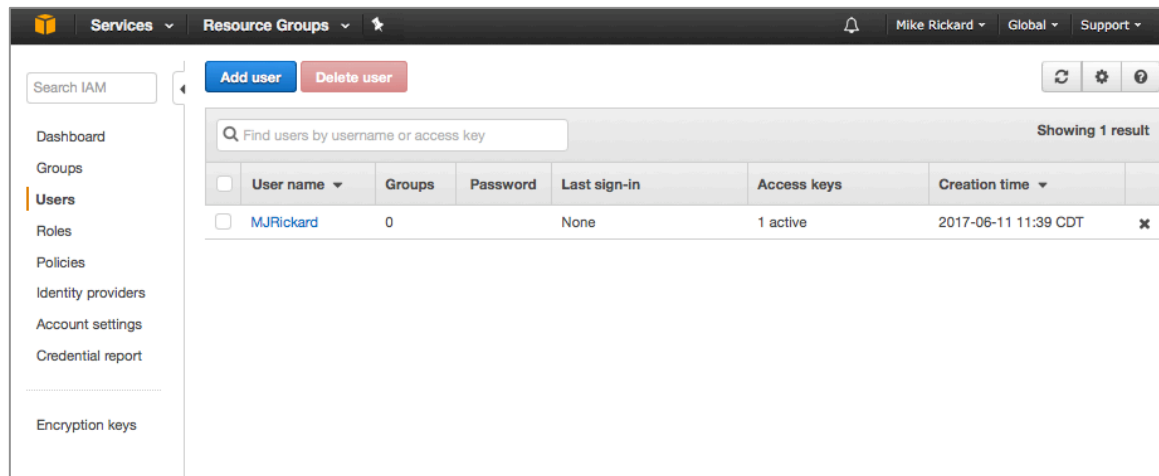
Keep this “Credentials” file in a safe location on your hard drive. You will need these credentials to set up AWS CLI and CyberDuck.

After downloading, click “Close”.



You should now see your competed User.

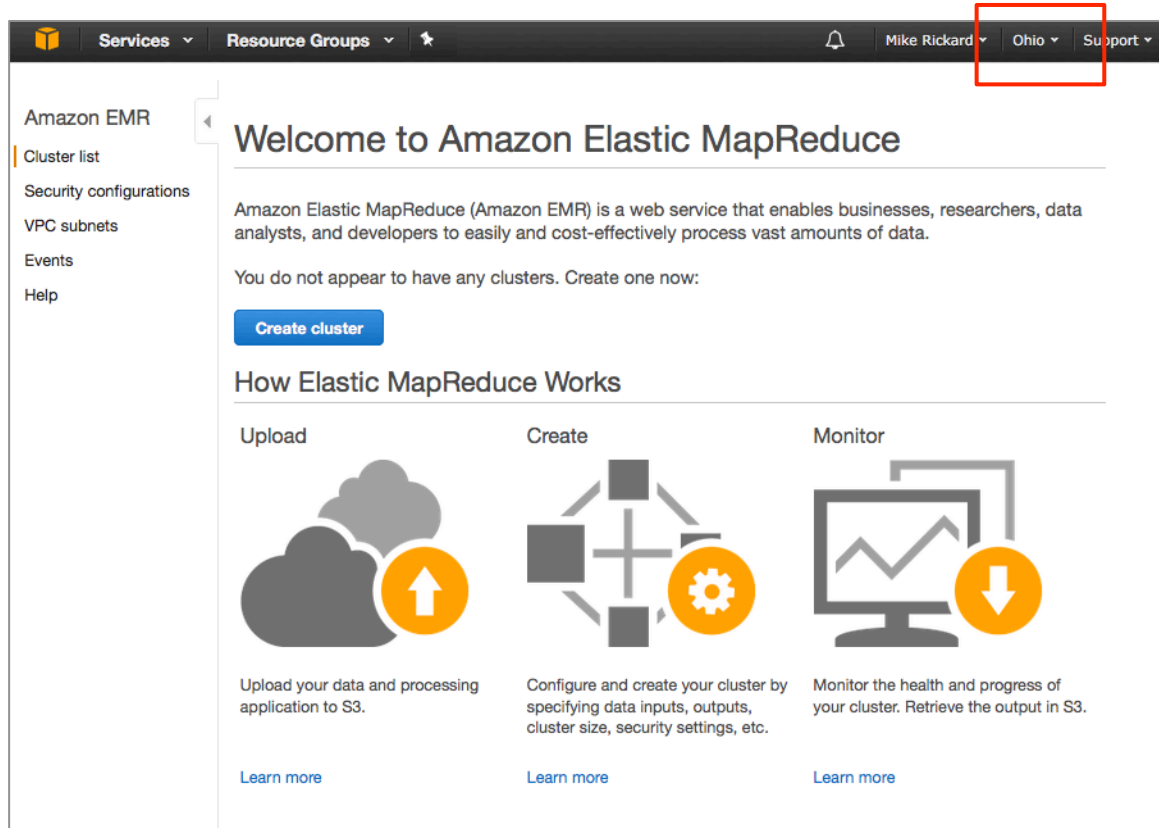
Before moving on to setting up CLI, click on Services in the top navigation and select “EMR” (Elastic Map Reduce).



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.



The screenshot shows the Amazon EMR console interface. At the top, there is a navigation bar with 'Services', 'Resource Groups', and a user profile 'Mike Rickard'. The 'Ohio' region is selected in the top right corner, highlighted by a red box. On the left, a sidebar lists 'Amazon EMR' and its sub-sections: 'Cluster list', 'Security configurations', 'VPC subnets', 'Events', and 'Help'. The main content area is titled 'Welcome to Amazon Elastic MapReduce'. It includes a brief description of Amazon EMR as a web service for processing data. Below this, it states 'You do not appear to have any clusters. Create one now:' and provides a 'Create cluster' button. Further down, a section titled 'How Elastic MapReduce Works' is divided into three steps: 'Upload' (with a cloud and upload icon), 'Create' (with a cluster diagram and gear icon), and 'Monitor' (with a monitor and download icon). Each step has a brief description and a 'Learn more' link.

Services ▾ Resource Groups ▾ ★ Mike Rickard ▾ Ohio ▾ Support ▾

Amazon EMR

- Cluster list
- Security configurations
- VPC subnets
- Events
- Help




Welcome to Amazon Elastic MapReduce

Amazon Elastic MapReduce (Amazon EMR) is a web service that enables businesses, researchers, data analysts, and developers to easily and cost-effectively process vast amounts of data.

You do not appear to have any clusters. Create one now:

[Create cluster](#)

How Elastic MapReduce Works

Upload	Create	Monitor
		
Upload your data and processing application to S3.	Configure and create your cluster by specifying data inputs, outputs, cluster size, security settings, etc.	Monitor the health and progress of your cluster. Retrieve the output in S3.
Learn more	Learn more	Learn more

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.

