

GUIDE TO SIGNING UP FOR AN AMAZON S3 ACCOUNT

Thank you for your interest in using BiteSite.ca's services. The reason you have this guide is because your website depends on uploading files such as images. This will not explain fully every detail, but it will guide you through the basic steps signing up for an Amazon S3 account and giving BiteSite.ca staff permissions to access your account.

Although BiteSite will be building a website that interacts with your Amazon S3 account, you are responsible for paying for this account and that's why you are responsible for setting it up.

There are three main steps that this guide will walk you through:

- Signing up for a Amazon AWS Account
- Creating a Bucket
- Granting Access Permissions to BiteSite.ca Staff

Signing up for a Amazon AWS Account

Understanding Amazon S3 and Amazon AWS

Amazon S3 is an online storage solution that integrates very nicely with Web Site development. The people who develop your website can very easily upload and display files that are stored on Amazon S3. You can picture Amazon S3 as a hard drive that you can access over the Internet.

Amazon S3 itself, however, is part of a bigger set of applications called Amazon Web Services or AWS. AWS provides lots of solutions including online storage like S3, but also archive solutions, hosted server solutions, and a whole bunch of other things.

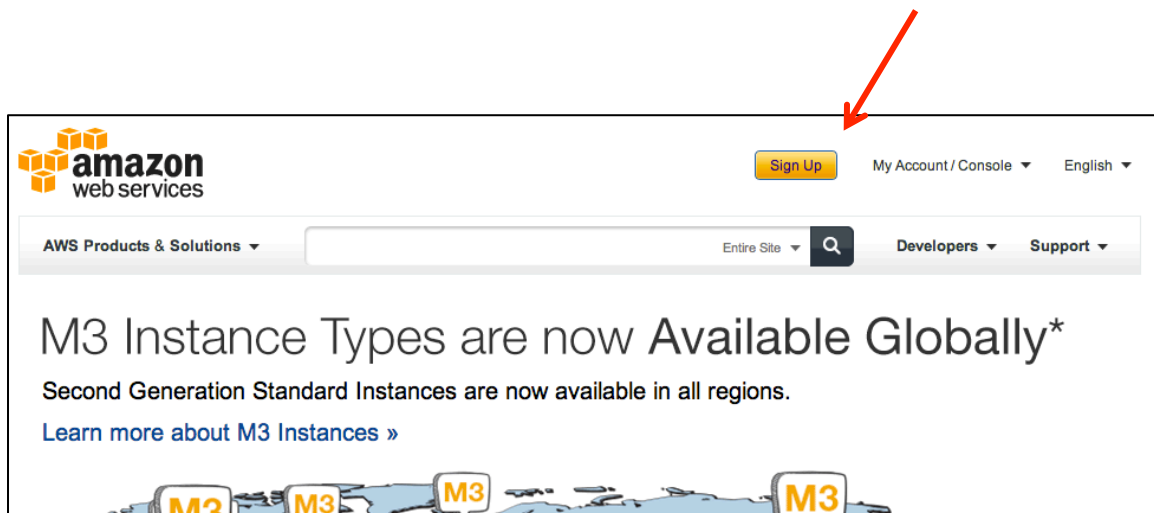
What Amazon has done is that rather than require you to sign up for an account for each AWS service that you'd like to use – they make you sign up for a single AWS account. This account gives you access to all the AWS services like S3.

So long story short – when you sign up for an Amazon S3 account, you don't really sign up for an Amazon S3 account. Rather, you sign up for an AWS account, and use the S3 service.

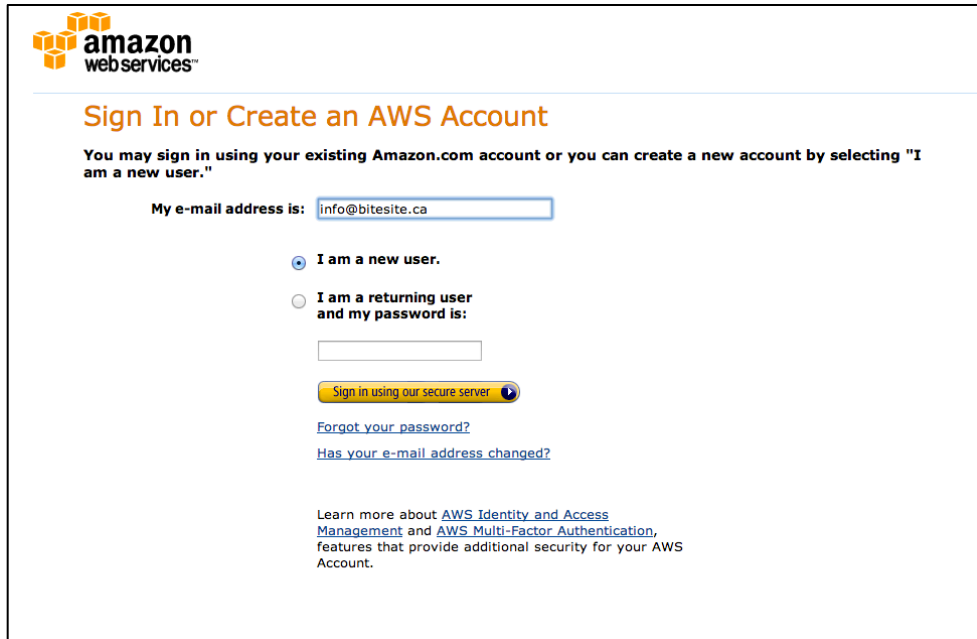
Signing up for a AWS Account

Here are the steps to sign up for an AWS Account:

1. Go to <http://aws.amazon.com>
2. At the top right of the screen, you should see a button "Sign Up". Click it.

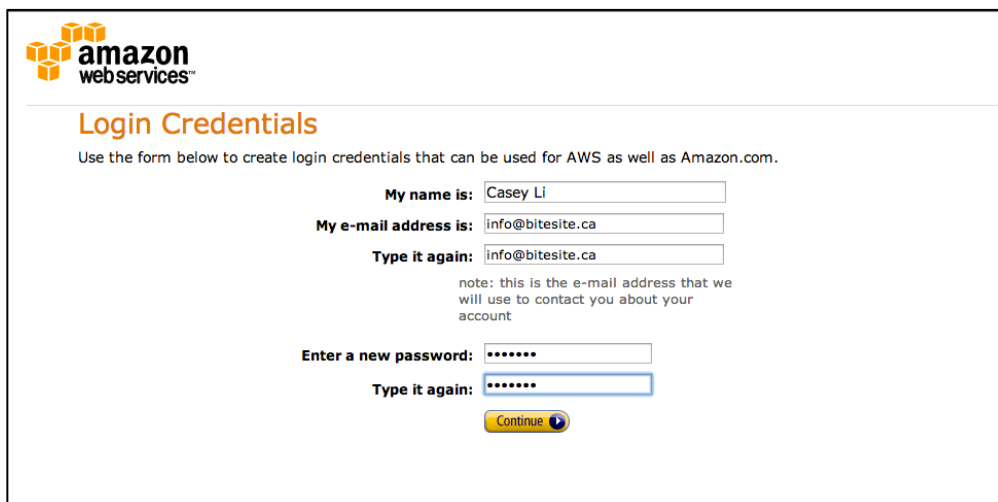


3. When you are brought to the next page,
 - a. Enter your e-mail address
 - b. Choose "I am a new user"
 - c. Click "Sign in using our secure server"




The screenshot shows the Amazon Web Services login page. At the top left is the Amazon Web Services logo. The main heading is "Sign In or Create an AWS Account". Below this, a message states: "You may sign in using your existing Amazon.com account or you can create a new account by selecting 'I am a new user.'". A form field for "My e-mail address is:" contains the text "info@bitesite.ca". Below the email field are two radio button options: "I am a new user." (which is selected) and "I am a returning user and my password is:". Below the second option is an empty password field. A yellow button with the text "Sign in using our secure server" and a right-pointing arrow is located below the password field. Below the button are two links: "Forgot your password?" and "Has your e-mail address changed?". At the bottom, there is a paragraph of text: "Learn more about [AWS Identity and Access Management](#) and [AWS Multi-Factor Authentication](#), features that provide additional security for your AWS Account."

4. When you are brought to the next page,
 - a. Enter your name
 - b. Enter your e-mail address again for confirmation
 - c. Enter a password of your choosing



The screenshot shows the Amazon Web Services "Login Credentials" page. At the top left is the Amazon Web Services logo. The main heading is "Login Credentials". Below this, a message states: "Use the form below to create login credentials that can be used for AWS as well as Amazon.com.". The form contains three input fields: "My name is:" with the text "Casey Li", "My e-mail address is:" with the text "info@bitesite.ca", and "Type it again:" with the text "info@bitesite.ca". Below the email fields is a note: "note: this is the e-mail address that we will use to contact you about your account". Below the note are two password fields: "Enter a new password:" and "Type it again:", both containing six dots. A yellow button with the text "Continue" and a right-pointing arrow is located below the password fields.

5. On the next page
 - a. Enter all the required information
 - b. Read the Terms of Service Agreement
 - c. Check the box indicating you have read the Terms of Service Agreement
 - d. Click “Create Account and Continue”

Amazon Web Services Sign Up

Contact Information

* required fields

Full Name*:

Company Name:

Country*:

Address Line 1*:
Street address, P.O. box, company name, c/o

Address Line 2:
Apartment, suite, unit, building, floor, etc.



City*:

State, Province or Region*:

ZIP or Postal Code*:


Phone number*:


Security Check

Image: 
[Try a different image](#) [Why do we ask you to type these characters?](#) 


Type the characters in the above image*:
Having Trouble? [Contact us.](#)

AWS Customer Agreement

☐ **Check here to indicate that you have read and agree to the terms of the Amazon Web Services Customer Agreement.** 

Create Account and Continue 

6. **You may** be brought to a page requiring you to enter your payment information. Please note that you will NOT be charged until you actually start using the service. More explanation on pricing can be found below. Enter your payment information and continue.

Amazon Web Services Sign Up

CREATE ACCOUNT

PAYMENT METHOD

IDENTITY VERIFICATION

CONFIRMATION

Enter Your Payment Information Below

Your credit card will not be charged until you begin using AWS, and many of your applications and uses of AWS may be able to operate within the AWS free usage tier. If your monthly usage goes beyond the free tier, your AWS service charges will be billed to the credit card you provide below. [View detailed service pricing](#)

* required fields

Credit Card*:

Card Number*:

Cardholder's Name*:

Expiration Date*:


Enter Your Billing Address

Select the billing address associated with your credit card.

☒ Use my contact address as my billing address
(1611 - 234 Rideau St., Ottawa, ON K1N 0A9, CA, (613) 291-1888)

☐ Enter a new address

[Continue](#)

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7. For security reasons, after you have entered your payment information, Amazon wants to verify your true identity. They do this using a phone number. Follow the 3 steps to verify your identity.

The screenshot shows the Amazon Web Services Sign Up process. At the top left is the Amazon Web Services logo. At the top right is the text "Amazon Web Services Sign Up". Below the logo is a progress bar with four steps: "CREATE ACCOUNT", "PAYMENT METHOD", "IDENTITY VERIFICATION", and "CONFIRMATION". The "IDENTITY VERIFICATION" step is currently active, indicated by a circle and a line. Below the progress bar is a yellow box with the text: "In order to complete the sign up process, we will need to verify your identity." Below this is the section "Identity Verification by Telephone". It contains a paragraph: "After you provide a telephone number where you can be reached below, you will then be called immediately by an automated system and prompted to enter the PIN number over the phone. Once completed, you'll be able to proceed to review your account details. Please follow the 3 simple steps below." Below this paragraph are three numbered steps: "1. Provide a telephone number", "2. Call in progress", and "3. Identity verification complete". Step 1 is the active step and contains a form. The form has a heading "1. Provide a telephone number" and a sub-heading "Please enter your information below and click the 'Call Me Now' button." Below this are two input fields: "Country Code: United States (+1)" and "Phone number: (613) 291-1888". There is also an "ext:" field. Below the input fields is a yellow button labeled "Call Me Now". Steps 2 and 3 are shown as blue boxes with their respective headings. At the bottom of the page, there is a footer with the text: "Privacy Policy | Customer Agreement", "© 2013 Amazon Web Services, Inc. or its affiliates. All rights reserved.", and "An amazon.com company".

amazon web services™

Amazon Web Services Sign Up

CREATE ACCOUNT PAYMENT METHOD IDENTITY VERIFICATION CONFIRMATION

In order to complete the sign up process, we will need to verify your identity.

Identity Verification by Telephone

After you provide a telephone number where you can be reached below, you will then be called immediately by an automated system and prompted to enter the PIN number over the phone. Once completed, you'll be able to proceed to review your account details. Please follow the 3 simple steps below.

- 1. Provide a telephone number**

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

Country Code: United States (+1) Phone number: (613) 291-1888 ext:

Call Me Now
- 2. Call in progress**
- 3. Identity verification complete**

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8. After you have gone through the Identity Verification step. Amazon will take some time to authorize your account. For most customers this will take a few minutes. Check your e-mail and look for a message that says

"Your AWS Account is Ready - Get Started Now"

9. Congratulations, you have successfully setup your Amazon AWS Account and are ready to use the Amazon S3 service.

Creating an Amazon S3 Bucket

Understanding Amazon S3 Buckets

As mentioned, Amazon S3 is an online storage solution that integrates nicely with Web sites. Also as mentioned – you can view Amazon S3 as basically a hard drive that you can access over the Internet allowing you to store and access files on it.

Just like any other hard drive, Amazon S3 allows you to create folders so you can organize your files. However, if you think about it, a single Amazon S3 account may interact with a whole bunch of websites.

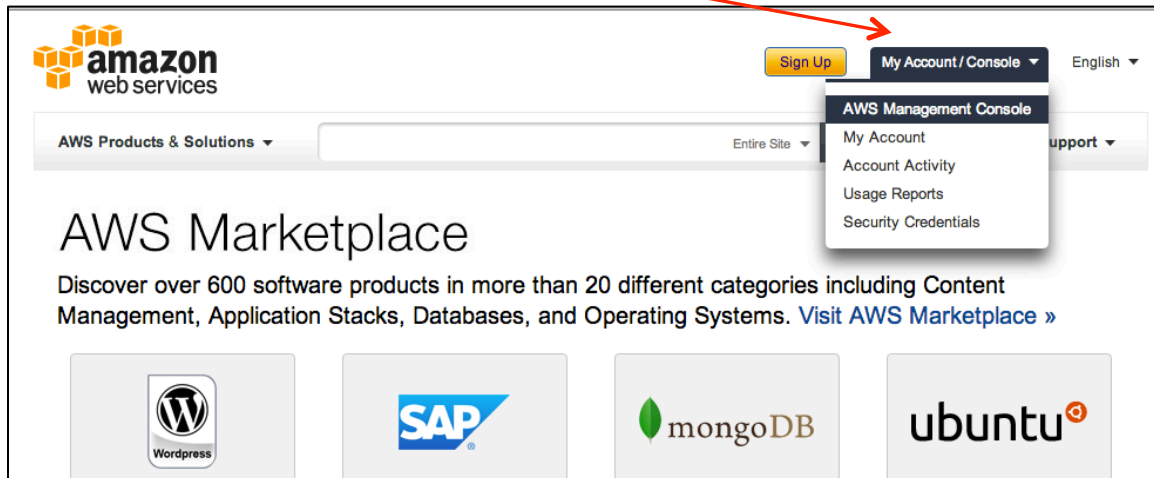
Pretend you're a business owner who has two websites – one for personal use and one for your business. Wouldn't it be nice if you could use your one Amazon AWS Account, and just have two separate areas to manage to files for each website?

Well that's exactly what Buckets are. Buckets are basically top-level folders to organize your files. They make it easy to manage different projects.

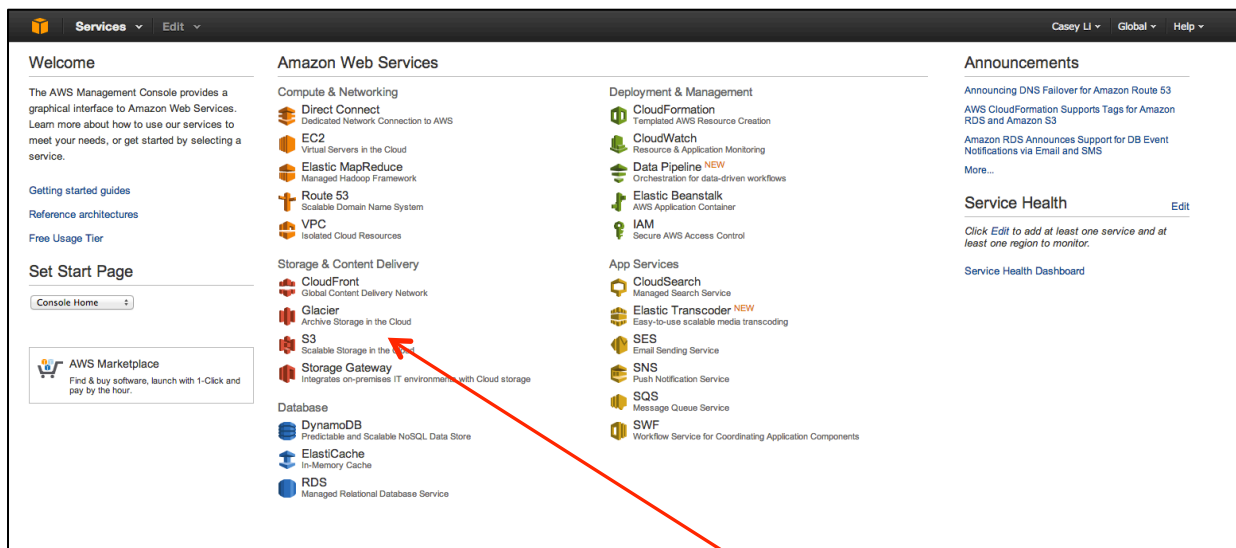
Ultimately for your website – you'll only need one bucket – but in the future if you wanted more websites, or more places to store files, you can create more buckets.

Creating an Amazon S3 Bucket

1. Go to <http://aws.amazon.com>
2. In the upper right, hover over “My Account/Console” and select “AWS Management Console”.

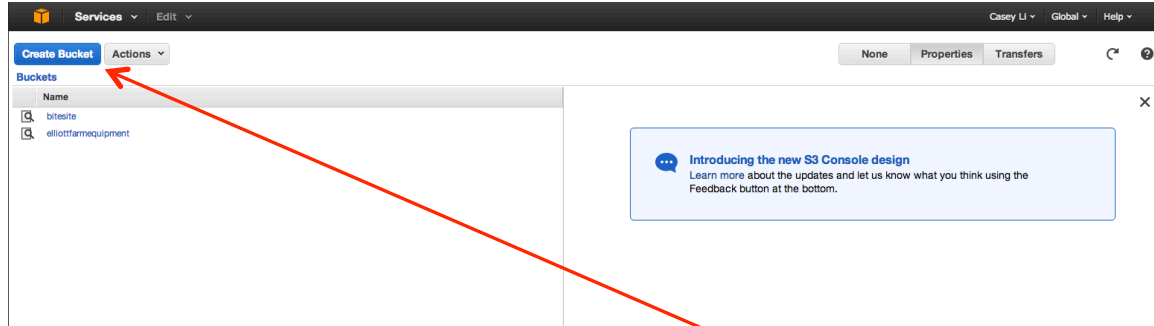


3. If you're not already signed in, it will ask you to sign in with the e-mail address and password you just created.
4. This will bring you to the main AWS page



5. Under “Storage and Content Delivery”, click on “S3”

6. This will bring you to the S3 Management Console



7. At the top, click on the “Create Bucket” button.
8. When selecting a name, BiteSite suggests using something related to your domain name. So for example, if your website domain is www.hellothere.com, we suggest naming your bucket “hellothere”.

HOWEVER, DO NOT USE DOTS/PERIODS “.” IN YOUR BUCKET NAME. For example, “hellothere.ca” would **not** be appropriate to use. If you want to separate words, we suggest using hyphens like “hellothere-ca”.

9. Enter the name, select US Standard and click “Create”. Note, you may get an error that you need a unique name, in which case select something like “hellothere-com” or “hellothere-ca”.

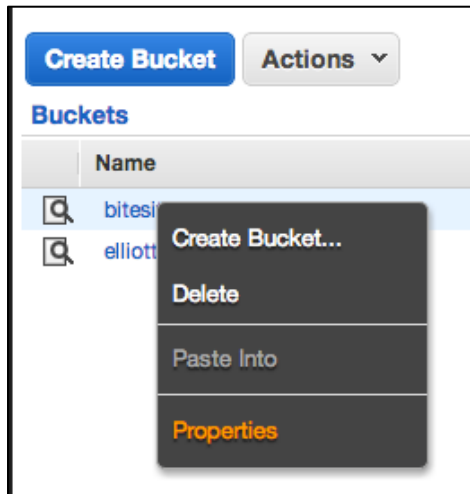
A screenshot of the 'Create a Bucket - Select a Bucket Name and Region' dialog box. The title bar says 'Create a Bucket - Select a Bucket Name and Region' with a 'Cancel' button. The main text explains that a bucket is a container for objects stored in Amazon S3 and that you can choose a Region to optimize for latency, minimize costs, or address regulatory requirements. It also mentions that for more information regarding bucket naming conventions, you should visit the Amazon S3 documentation. Below this, there are two input fields: 'Bucket Name' with the value 'bitesiteca' and 'Region' with the value 'US Standard'. At the bottom, there are three buttons: 'Set Up Logging >', 'Create', and 'Cancel'.

10. Congratulations, you have setup your first Amazon S3 Bucket.

Giving BiteSite.ca Staff Permissions

The last step you need to do is give BiteSite.ca some Permissions access your Bucket so that BiteSite can code your website to interact with your bucket. Here are the steps:

1. From the Amazon S3 Management Console, **right-click** the bucket that you just created and select “Properties”.



2. On the right hand side of your screen, you see the properties of your bucket.
3. Click on “Permissions”.
4. Click on “Add More Permissions”
 - a. In the Grantee field, put info@bitesite.ca
 - b. Check the “List” and “Upload/Delete” permissions.
 - c. **Click Save.**

▼ Permissions

Grantee: casey.li	<input checked="" type="checkbox"/> List	<input checked="" type="checkbox"/> Upload/Delete	<input checked="" type="checkbox"/> View Permissions	<input checked="" type="checkbox"/> Edit Permissions	x
Grantee: info@bitesite.ca	<input checked="" type="checkbox"/> List	<input checked="" type="checkbox"/> Upload/Delete	<input type="checkbox"/> View Permissions	<input type="checkbox"/> Edit Permissions	x

[Add more permissions](#) [Add bucket policy](#) [Add CORS Configuration](#)

[Save](#) [Cancel](#)

Information to pass onto BiteSite.ca

Lastly, just e-mail your BiteSite contact with the name of your Bucket and you're all good to go!

BiteSite will code your website to interact with your S3 storage. A typical example is that your website will be coded to upload pictures. When you upload pictures using your website, the website will automatically stored those files in your S3 account. **So typically, after you've set this up, besides paying monthly, you don't really have to interact with your S3 account – your custom built BiteSite website will take care of the rest.**

Information about Amazon S3 Pricing

When you use Amazon S3, you only pay for what you use. So if you end up storing nothing on S3 – you're bill should be \$0.00. Even when you store files, the pricing is very cheap. Per month, if you're storing 1GB of data, you're looking at about \$0.10 a month totally only about **\$1.20/year**.

Price only goes up if you store more or if your page is accessed more than 10,000 times a month.

And best of all, the first year is completely free!

For complete pricing details, check out <http://aws.amazon.com/s3/pricing/>

Questions

If you have any questions at all, please do not hesitate to contact BiteSite at info@bitesite.ca or you can e-mail Casey Li directly at casey.li@gmail.com.