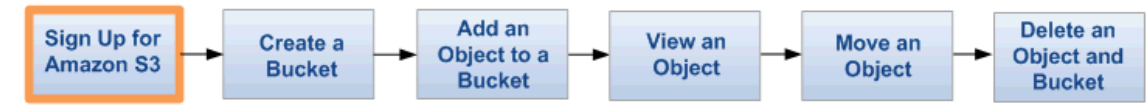


## Help for Amazon S3

### How to configure Amazon S3:

Signup for Amazon S3 Account::

### Sign Up for Amazon S3



To sign up for Amazon S3

1. Go to <http://aws.amazon.com/s3> and click Sign Up for Amazon S3.
2. Follow the on-screen instructions as above.

### Important Note :

If you have a personal Amazon.com account, you might want to have a separate Amazon.com account reserved for your AWS activity. You can provide a new e-mail address not already in the Amazon.com system, or provide an e-mail address for an existing Amazon.com account you have, but give a different password. (You can have multiple Amazon.com accounts that use the same e-mail address, but different passwords.)

Login to Amazon S3 Account :

After login amazon S3 account, you create amazon folder as follows:

### Create a Bucket



### To create a bucket

1. Go to the [AWS Management Console](#) web page.
2. In the drop-down list box, select Amazon S3 and click Sign in to the AWS Console.
3. On the Amazon S3 tab, click Create Bucket.

The Create a Bucket dialog box appears.

The screenshot shows a dialog box titled "Create a Bucket - Select a Bucket Name and Region". It features a "Bucket Name" text input field and a "Region" dropdown menu with "US Standard" selected. At the bottom right, there are three buttons: "Next >", "Create", and "Cancel".

4. Enter a bucket name in the Bucket Name field.

The bucket name you choose must be unique across all existing bucket names in Amazon S3. One way to do that is to prefix your bucket names with your company's name.

Bucket names must comply with the following requirements. Bucket names:

- Can contain lowercase letters, numbers, periods (.), underscores (\_), and dashes (-)
- Must start with a number or letter
- Must be between 3 and 255 characters long
- Must not be formatted as an IP address (e.g., 265.255.5.4)

**Important Note** : Once you create a bucket, you cannot change its name. In addition, the bucket name is visible in the URL that points to the objects stored in the bucket. Make sure the bucket name you choose is appropriate.

5. In the Region drop-down list box, select a region.

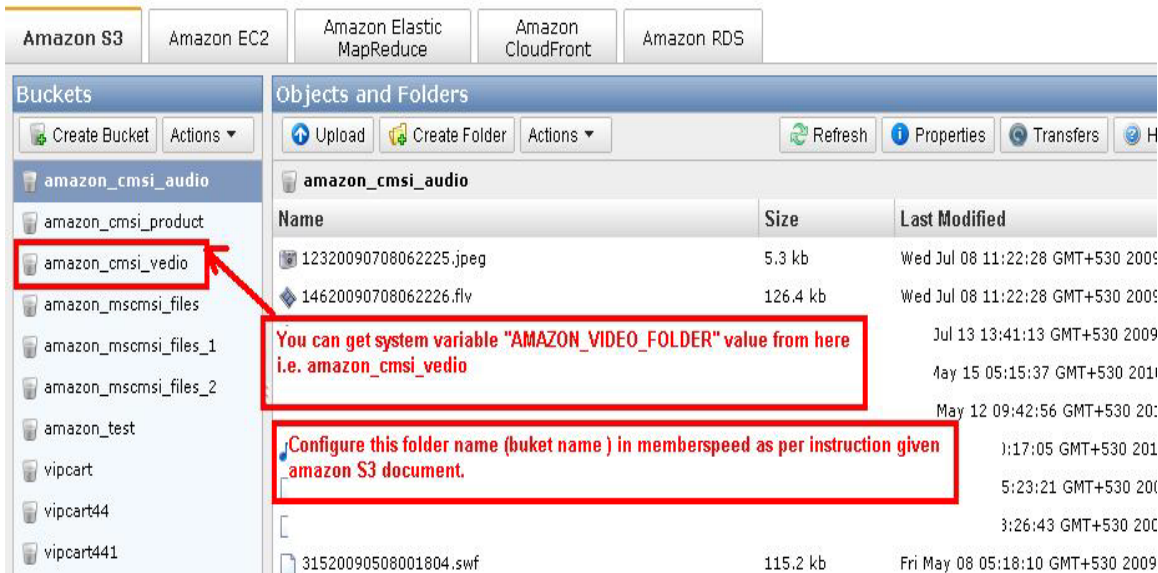
By default, Amazon S3 creates buckets in the US-Standard region. You can choose a region to optimize latency, minimize costs, or address regulatory requirements. Objects stored in a region never leave that region unless you explicitly transfer them to another region.

6. Click Create.

When Amazon S3 successfully creates your bucket, the console displays your empty bucket in the Buckets panel.

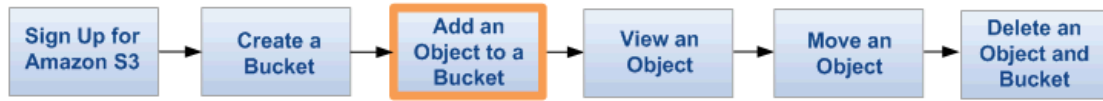


After Creating Buckets, buckets or folder names and uploading files, the console displays as shown in following



Member can get System variable "AMAZON\_VIDEO\_FOLDER " value from Bukets panel as shown in above screen.

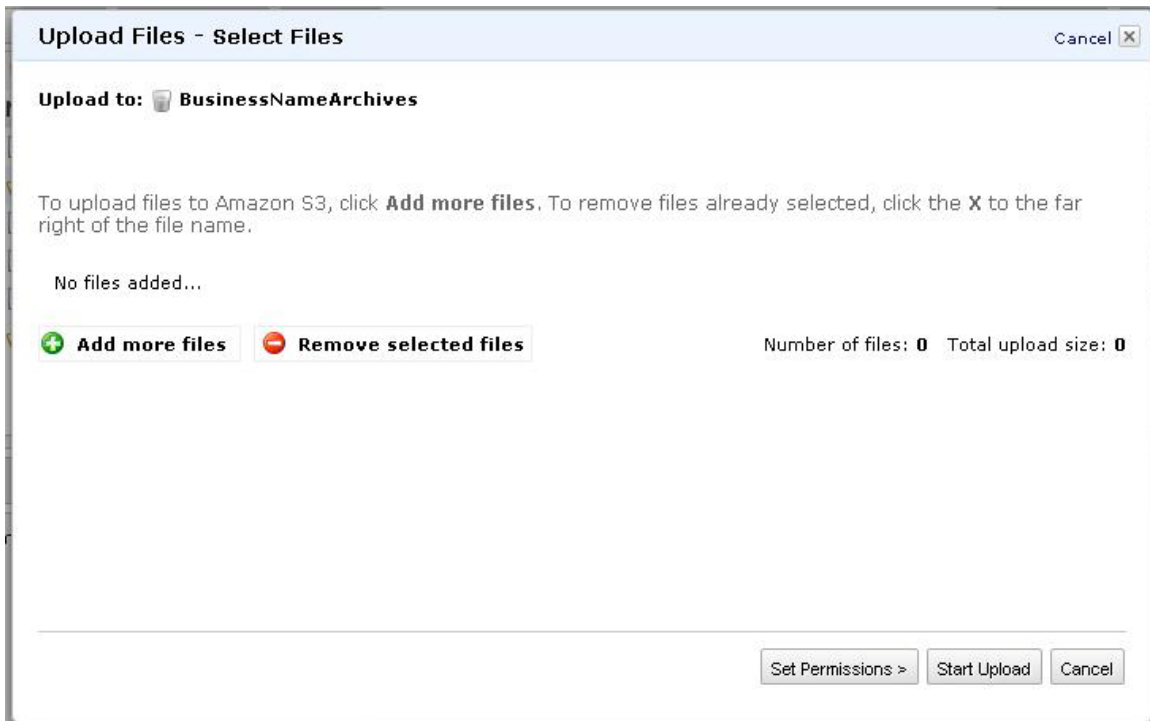
## Add an Object to Your Bucket



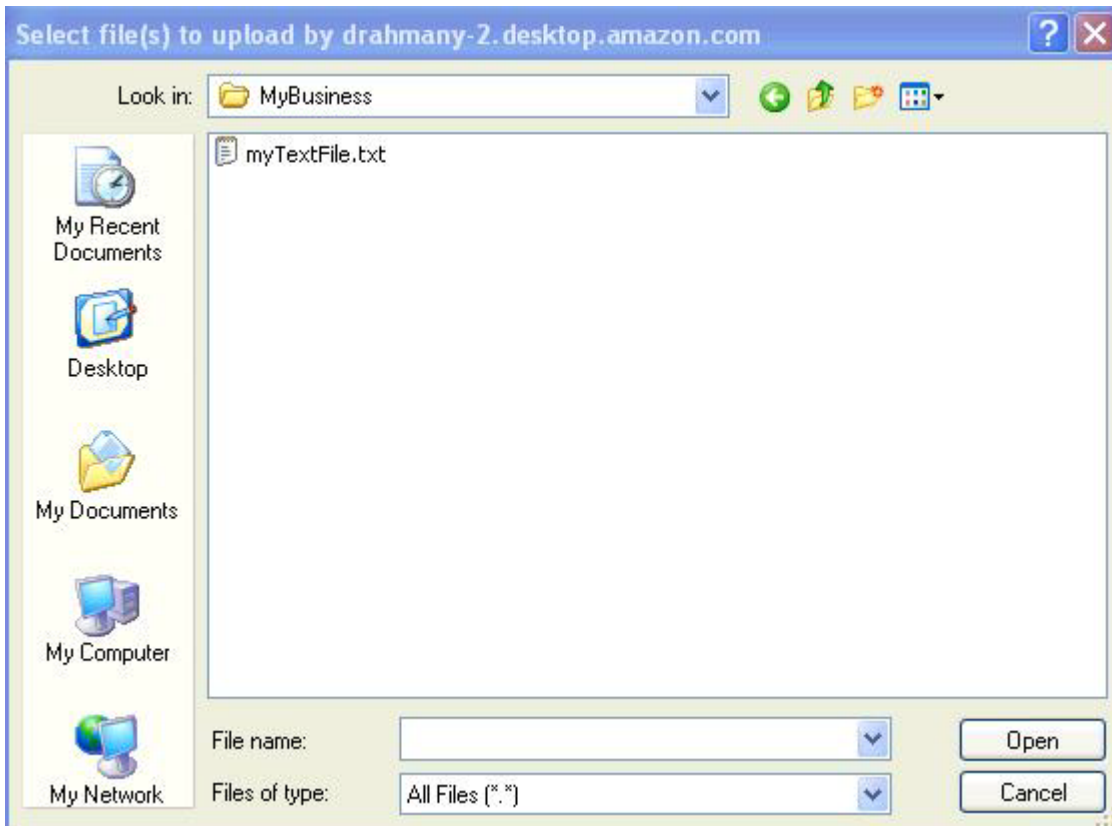
### To add an object to your bucket

1. On the Amazon S3 tab in the AWS Management Console, click the bucket you want to upload files into and then click Upload in the Objects and Folders panel.

The Upload Files - Select Files dialog box opens.



2. Click Add more files to select the files to upload from your computer. A dialog box opens that guides you to select the files you want to upload.



3. Select one or more files and click Open.

You cannot select a folder to upload its entire contents. You must select each file you want to upload.

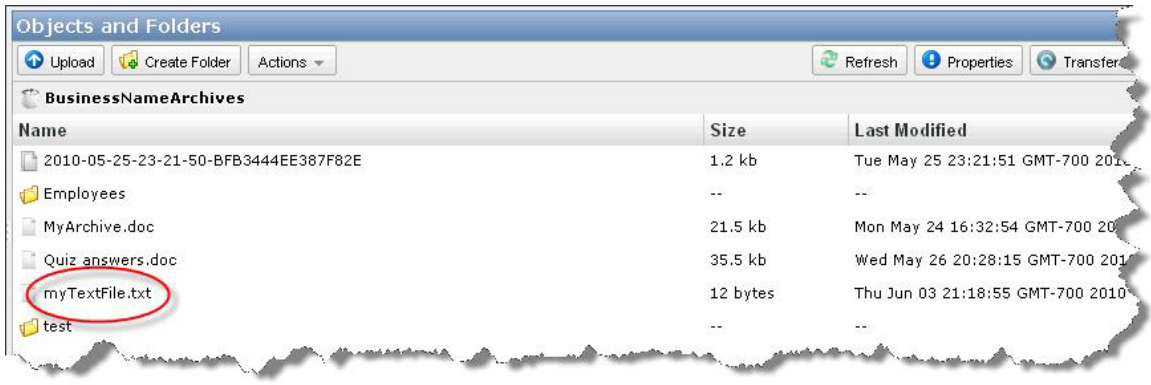
4. Confirm the list of files and click Start Upload.

The selected files upload with the default permissions and metadata. When uploading objects using the AWS Management Console you are granted full control on all the objects you upload. This means you can overwrite, delete, and read the object but no one else can. By default, Amazon S3 attempts to process system metadata on a file such as Content-Type and Content-Length and add them as metadata on the uploaded object.

You can watch the progress of the upload using the Transfer panel. The Transfer panel appears on the bottom of the screen as soon as you begin the upload.



Note :To hide or view the Transfer panel, click the Transfer button in the top right of the Objects and Folders panel. As files upload successfully to Amazon S3, they appear in the object listing.



5.If you want to view the file you uploaded and wants URL of file uploaded then select file and click on properties tab.

The Properties panel opens and you can see the file's properties. To see a link to the file in Amazon S3, click Details.



Members can paste above URL in memberspeed site as shown in” **how to use Amazon S3 while adding video** “ section of **this guide**.

Login to control panel:

Go to **Memberspeed Configuration >> System Variable.**

Then you will need to set below three variables for Amazon S3,

System Variables				
<b>Note:</b> <ul style="list-style-type: none"><li>• Click on the <b>Variable</b> to edit its value.</li><li>• Arrange <b>Variable</b> as per the rank.</li></ul>				
Total: 39 Page: 1				
Sl.	Variable	Value	Rank	Description
1.	<a href="#">AMAZON_KEY</a>		0	Enter your Access Key ID of Amazon S3
2.	<a href="#">AMAZON_SECRET_KEY</a>		0	Enter your Secret Access Key
3.	<a href="#">AMAZON_VIDEO_FOLDER</a>		0	Enter the amazon folder name for video

[AMAZON\\_KEY](#): It is the key provided by AMAZON S3. This is actually **username** of your Amazon S3 account. It is alphanumeric string that uniquely identifies user who owns account

[AMAZON\\_SECRET\\_KEY](#): It is the secret key provided by AMAZON S3. This key plays role of **password**. It's called secret because it is assumed to be known to owner only.

[AMAZON\\_AUDIO\\_FOLDER](#): It is the name of the folder on AMAZON S3 where you want to upload the audio files.

[AMAZON\\_VIDEO\\_FOLDER](#): name of the folder on AMAZON S3 where you want to upload the video files.

[AMAZON\\_PRODUCT\\_MANAGER\\_FOLDER](#): name of the folder on AMAZON S3 where you want to upload the products.

Note: - It is compulsory to set all the three variables ([AMAZON\\_KEY](#), [AMAZON\\_SECRET\\_KEY](#) & plugin related folder variable for ex for video plugin [AMAZON\\_VIDEO\\_FOLDER](#)) to start working with Amazon S3 on member speed.

Once the above three variables are set then automatically the Amazon s3 option will appear in audio, Video, Product Manager and Article Plug-in, Under multiple upload options at add/edit pages (ex Add/edit video pages).

### **Now how to use Amazon S3 while adding video:**

When you are on add/edit video under "Video Files" section you have "Upload on Amazon s3" option to upload files on Amazon S3

Video Files(Recommended video of size 422 \* 344)\*

**Video Title:**

Video URL

Upload Video

Select video from your server

Upload At Amazon S3   [Max File Size 64MB, Format ".swf,flv,MP3,MP4"]

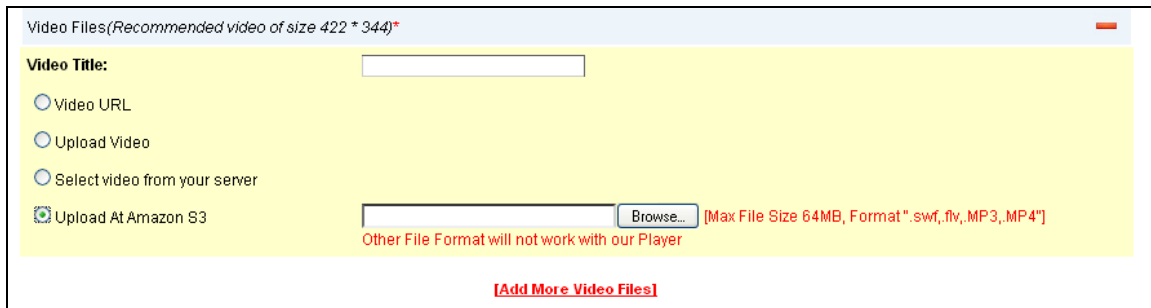
Other File Format will not work with our Player

[\[Add More Video Files\]](#)

Note the files uploaded on Amazon S3 will be store under the folder which you have set for “[AMAZON\\_VIDEO\\_FOLDER](#)” variable under system variables.

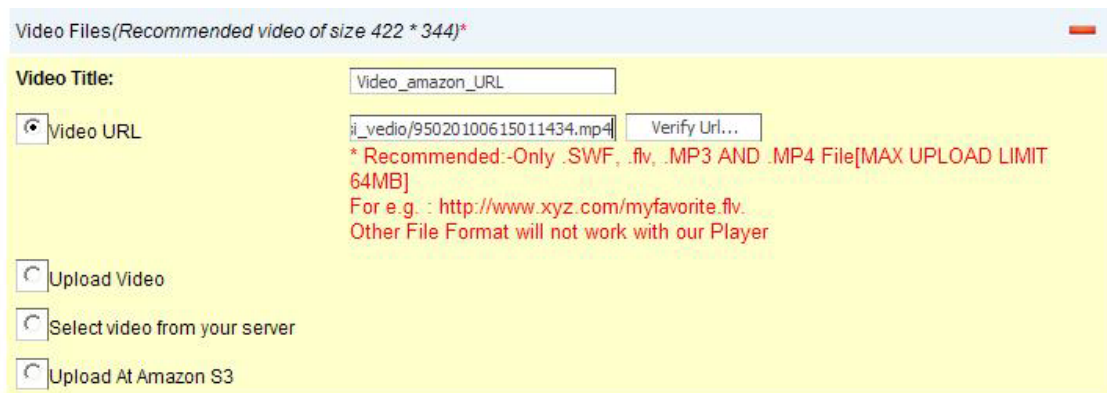
### **Tips to use Amazon S3 functionality on Member Speed:**

With reference to the below screen shot:



The screenshot shows a window titled "Video Files (Recommended video of size 422 \* 344)\*". It features a "Video Title:" input field. Below it are four radio button options: "Video URL", "Upload Video", "Select video from your server", and "Upload At Amazon S3". The "Upload At Amazon S3" option is selected. To the right of this option is a "Browse..." button and a note: "[Max File Size 64MB, Format: .swf, .flv, .MP3, .MP4]". Below the options, there is a red warning message: "Other File Format will not work with our Player". At the bottom center, there is a red link: "[Add More Video Files]".

Member can enter URL from Amazon S3 to MemberSpeed as shown in following



The screenshot shows the same window as above, but with the "Video URL" option selected. The "Video Title:" field now contains "Video\_amazon\_URL". Below the "Video URL" option, there is a text input field containing "i\_vedio/95020100615011434.mp4" and a "Verify Url..." button. Below this, there is a red warning message: "\* Recommended: -Only .SWF, .flv, .MP3 AND .MP4 File [MAX UPLOAD LIMIT 64MB] For e.g. : http://www.xyz.com/myfavorite.flv. Other File Format will not work with our Player". The other radio button options are now unselected.

1. If your video file size is greater than 2MB (heavy file), browsing the video and uploading it on Amazon S3 by above form might not work, due to some server dependencies like MAX\_UPLOAD\_LIMIT etc and which might lead to some errors.  
In this case we will recommend you to use “Video URL” option from above screen shot. For which you need to follow below steps:
  - a. Login to your Amazon s3 account
  - b. Upload the video file at Amazon s3 account at the folder which you have set at “[AMAZON\\_VIDEO\\_FOLDER](#)” variable under system variables at your MemberSpeed site. You can upload files to amazon as shown in “Add object to bucket” section of this guide.
  - c. Now, copy you uploaded video URL at Amazon s3 and provide it to “Video URL” option in above screen.
2. If you video size is less than 2MB than you can use “Upload at Amazon S3” option.

### **Frequently Asked Question:**

#### **Q.1.] Would it affect on video loading speed if uploaded on local server instead of Amazon S3?**

> No, it won't affect on video loading speed because video loading will depend on few factors like:

1. End-user's Internet Speed.
2. Configuration of Member Speed Site Server.
3. Amazon S3 server.

From these 3 things, first one user's internet speed is very much important.

For Player doesn't matter by which method you have uploaded the content (video/audio) as when we are uploading content to Amazon s3 by MS Software then also it returns the url of our content at Amazon S3 and we store that url into the database in the URL field option which is the same which user provide in our add/edit page in the URL field. So, ultimately we pass Amazon s3 URL to player in both the case, so both the method will give same performance by the player.