**How to host WordPress Images on Amazon S3**

In this post, I will be going over how to host WordPress images (and other media files) on an Amazon S3 server.

I decided to do this because I was quickly running out of storage space on my web hosting provider for my business website. I needed a cost-effective solution and this is what I came up with.

Follow along with me in the video below:

**Step 1: Install WP Offload Media Lite Plugin**

Download and install the plugin using your WordPress Dashboard. A link to the plugin can be found [here](https://wordpress.org/plugins/amazon-s3-and-cloudfront/).

**Step 2: Set up Amazon S3**

If you don’t have an Amazon Web Services (AWS) account, you can sign up for one [here](https://aws.amazon.com/).

Add the following code to your bucket policy:

{

"Version": "2008-10-17",

"Statement": [

{

"Sid": "AllowPublicRead",

"Effect": "Allow",

"Principal": {

"AWS": "\*"

},

"Action": "s3:GetObject",

"Resource": "arn:aws:s3::: character-mesh-from-web/\*"

}

]

}

Make sure to replace **bucketname**with your S3 bucket name.

Add the following code to your IAM user policy:

{

"Version": "2012-10-17",

"Statement": [

{

"Effect": "Allow",

"Action": [

"s3:CreateBucket",

"s3:DeleteObject",

"s3:Put\*",

"s3:Get\*",

"s3:List\*"

],

"Resource": [

"arn:aws:s3::: character-mesh-from-web",

"arn:aws:s3::: character-mesh-from-web/\*"

]

}

]

}

Once again, make sure to replace **bucketname** with your S3 bucket name.

**Step 3: Update wp-config file**

Add the following code to your wp-config file.

define('AS3CF\_AWS\_ACCESS\_KEY\_ID', 'AKIARYVRQMD6ZLJ3OLP5' );

define('AS3CF\_AWS\_SECRET\_ACCESS\_KEY', 'rFHEW5LVwV5kO5PSSN5NJLpMh69JeiV685dEFDbD);

OR

define( 'AS3CF\_SETTINGS', serialize( array(

    'provider' => 'aws',

    'access-key-id' => 'AKIARYVRQMD6ZLJ3OLP5',

    'secret-access-key' => 'rFHEW5LVwV5kO5PSSN5NJLpMh69JeiV685dEFDbD',

) ) );

Note: The Access Key ID and Secret Access Key is generated when you setup the IAM user in the previous step.

**Step 4: Configure and Test Plugin**

Go back to your WordPress Dashboard to configure and test the WP Offload Media Lite plugin.

**Additional Resources**

You should be able to get everything set up if you follow along the steps of the video above. But if you needed more information or a detailed write-up of the steps, feel free to visit any of the references below:

<https://www.codeinwp.com/blog/wordpress-s3-guide/>

<https://mhthemes.com/blog/offload-wordpress-images-amazon-s3/>