**AS#2 Amazon S3 - Publish an Object**

In this homework assignment, we will explore Amazon's Cloud Storage, **Simple Storage Service (S3),** through its administrative interface. S3 provides a simple way to store files in the public cloud and make them available through a URL.

1. Open a web browser and navigate to the Amazon Web Service Management Console web page at: **https://console.aws.amazon.com/s3/home**

2. Sign in with your credentials.

3. The browser will display the management console.

4. Ensure that the '**Amazon S3**' tab is selected.

In the S3 service, files are stored in a “Bucket”, which can be mapped to a specific

geographic region.

5. Click on the '**Create Bucket**' button.

6. On the dialog that appears, enter a bucket name. Bucket names must be unique

across the entirety of the Amazon S3 service, as they form the basis of the folder's URL if

you make the bucket publicly accessible. If you want to make the bucket available as a

website, then any letters in the bucket name should be lower-case. You might need to

experiment with bucket names to get one that is not in use. For this example, we used

'***YourName*S3**' (for example, MarcoS3). Leave the region as defaulted.

7. Click the '**Create**' button. If the bucket name is not in use, you should see a screen telling you that the bucket is empty. Otherwise, choose another bucket name and try again.

8. You may need to install Adobe Flash Player. Click Yes.

9. After installing the Flash player you may need to click **Create** again.

10. Now we can upload objects to the bucket, such as pictures, documents, etc.

11. Make sure that the ‘***YourName*S3**' (or whatever name you used) bucket is selected

under “**Buckets**” and click the “**Upload**” button under “**Objects and Folders**”.

12. The console will display the **'Upload-Select Files'** dialog.

13. If you don't see the add files button and you see the image below then click **Enable**

**Enhanced Uploader** to install it. Installing this will take a couple minutes; follow steps

on screen to install the component.

14. Click on the '**Add Files**' button, then navigate to the place, for example, C:\user, select a picture or document and click **Open**.

15. Click on the '**Start Upload**' button that is located in the right bottom.

16. When the upload is complete, you should see the file in your bucket.

17. The file is now uploaded to your bucket, but is only visible to you as the account holder. To make the file publicly accessible, click on the file to select it, and then click the '**Properties**' button. The console will display the properties window.

18. Click on the '**Permissions**' tab.

19. As you can see, the only permission listed is for the account holder.

20. Right-click on the file you uploaded in the “Objects and Folders” pane, then select

'**Make Public**', then click '**OK**'.

21. Once again, make sure the file is selected, then click on '**Properties**', then click on

the '**Details**' tab. You should see a '**Link**' url.

22. The file is now accessible publicly at that URL, open a new browser and view the object.

\* Please submit your S3 url to D2L Dropbox.