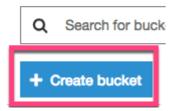
Cloud Storage on S3

• Go to **console.aws.amazon.com** and select **S3** under **Storage**.

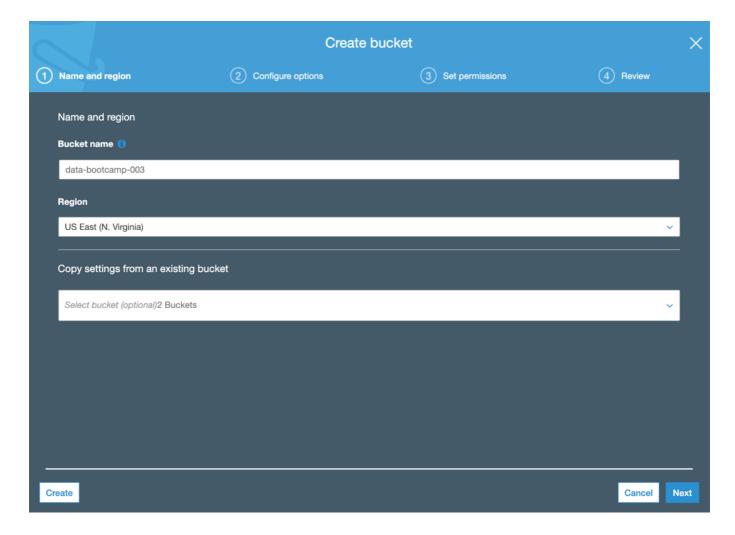


• Click Create bucket.

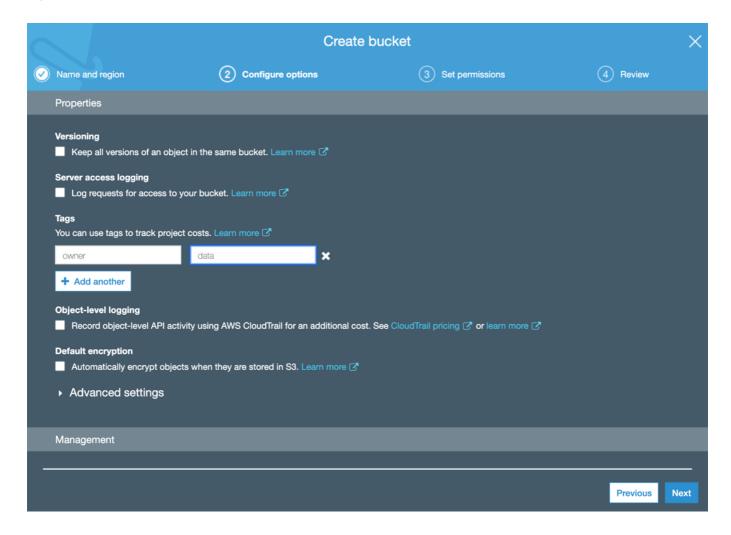
S3 buckets



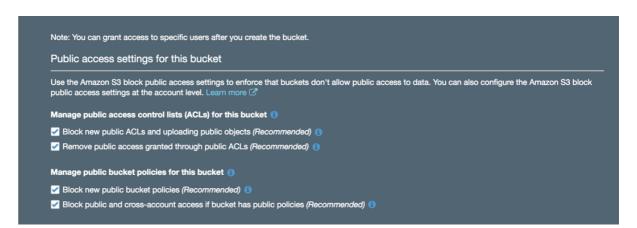
- Create a bucket name and choose the region.
- **Note:** The bucket name must be unique across all existing bucket names in Amazon S3. Buckets cannot be renamed or created inside of another bucket.
- Leave the region as the default, e.g. US East (N. Virginia). Changing the region will change the object URL used in all examples today.



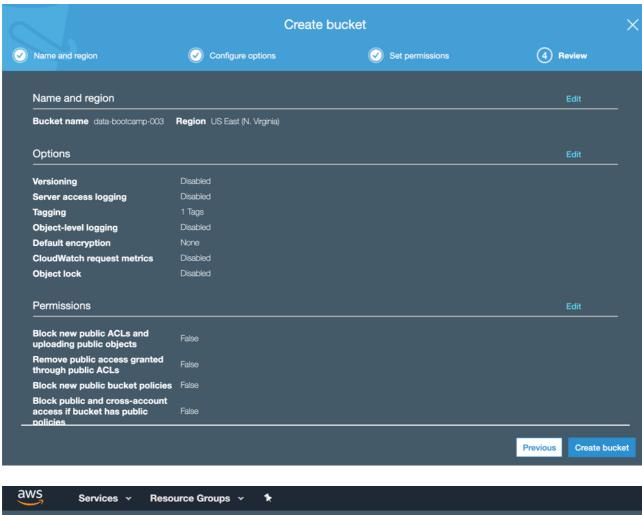
- Most of the options on the **Configure Options** page can be left as default values.
- Tags are user-defined key-value pairs of information that can help keep track of buckets.
- Click **Next**.

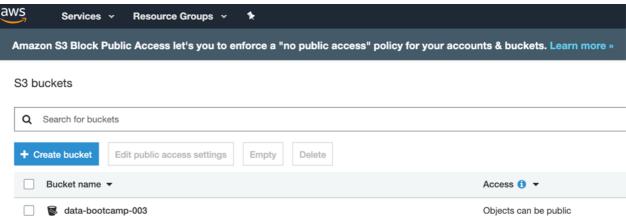


- The **Set Permissions** page is where we grant others permission to access buckets.
 - A number of security breaches were caused by unsecured S3 buckets.
 - Public access is denied by default.
 - Leave the boxes checked and click **Next**.

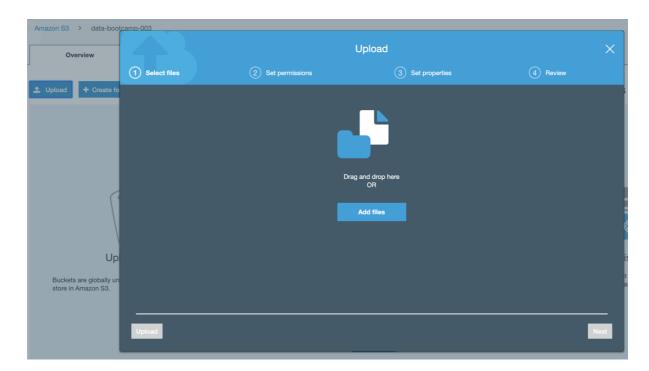


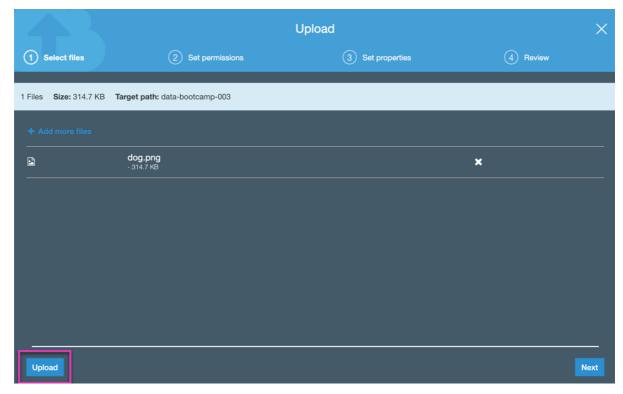
• The **Review** page is a summary of the bucket configurations. Click **Create bucket**. The bucket name now appears in the S3 console.



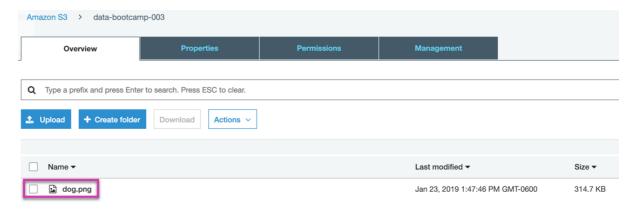


- We'll now upload an image file to the newly created bucket. Click the bucket name and then click **Upload**.
 - A file can be dragged to the screen.
 - Click Upload.

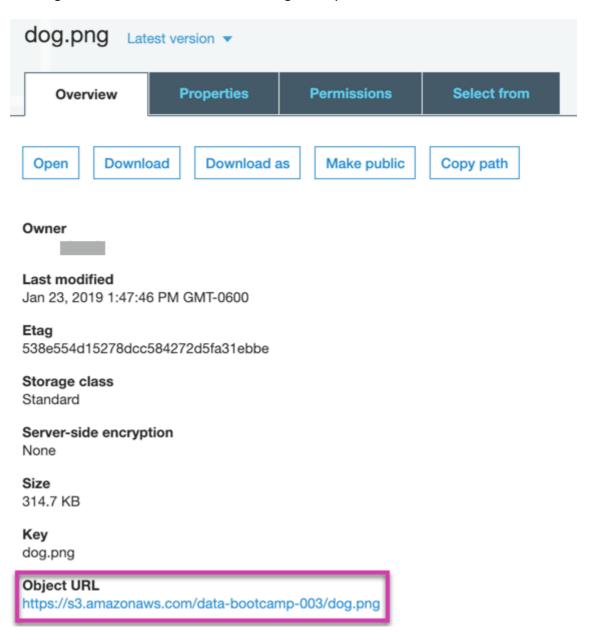




• Click the filename.

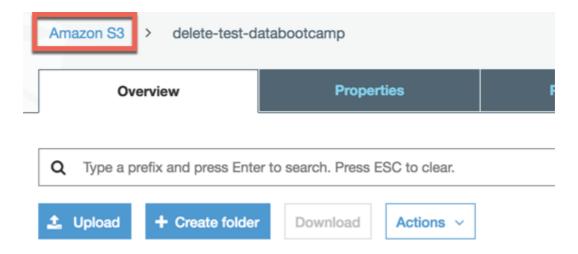


Clicking the link leads to an error message! Why?

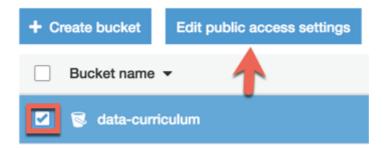


This XML file does not appear to have any style information associated with it. The document tree is shown below.

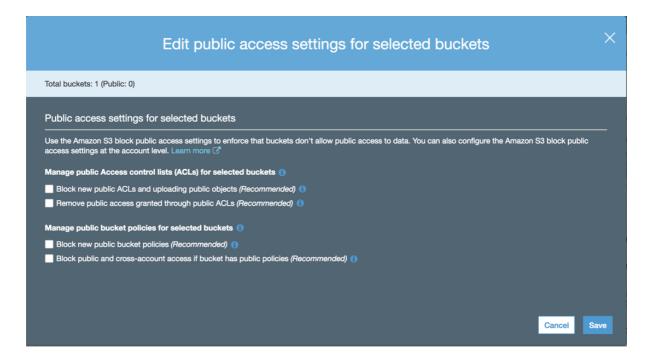
- By default, the permission for the file denies access to everyone, so it needs to be changed.
- Navigate back to the dashboard by clicking **Amazon S3** on the top left.



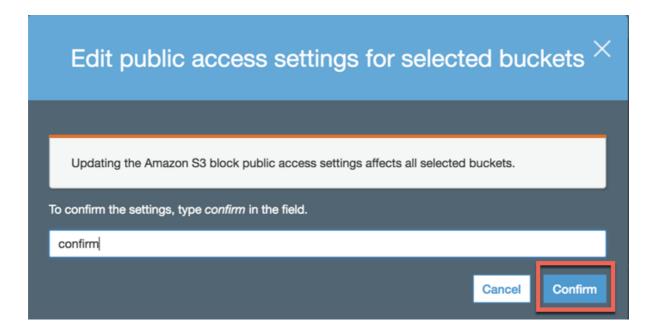
• Check the box next to your bucket and click **Edit public access settings**.



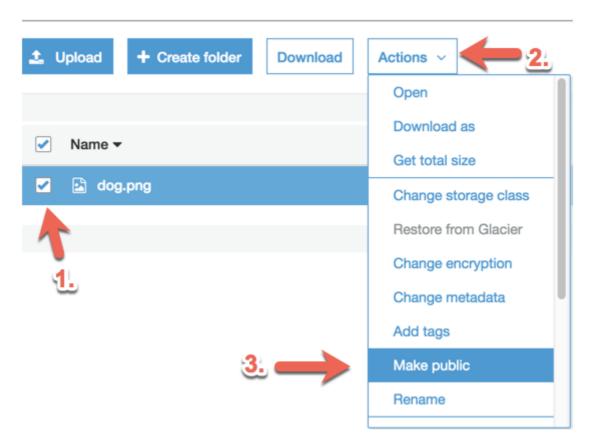
• Make sure all boxes are unchecked on the next screen. Even though these were checked in the initial setup, they will not be now.



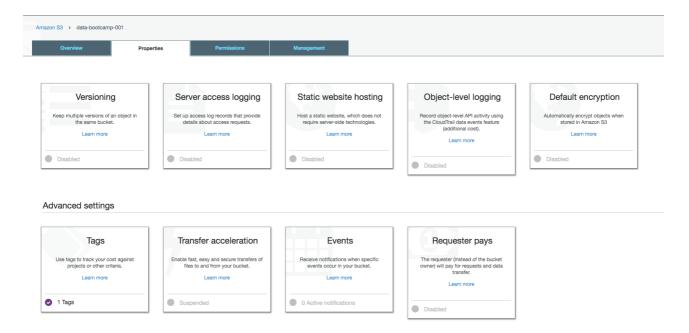
• Click **Save**. Then type **confirm** and click **Confirm**.



Next, navigate back into your bucket and check the box next to the image. Click the
Actions box on the top and select Make public.



- Now the image will be displayed when you click on the link.
- You can explore various settings at the bucket level and the file level. Use the tabs at the bucket level to explore the available settings, such as tags:



• **Note:** You can remove public access anytime by repeating the steps above and checking all the boxes in **Edit public access settings**.