**Check the Integrity of Data in Amazon S3 with Additional Checksums (High Level Instructions)**

Create an S3 bucket

* Enter a descriptive globally unique name for your bucket
* Select the Region you would like your bucket to reside in
* Block Public Access is appropriate for this workload, so leave this section as is.
* Leave remaining options as default

### Upload a file and specify the checksum algorithm

* Choose the Add files button and then select the file you would like to upload from your file browser.
* Navigate down the page to find the Properties section. Then, select Properties and expand the section.
* Under Additional checksums select the On option and choose SHA-256.
* Navigate down the page and choose the Upload button.

### Verify checksum

* Select the uploaded file by selecting the filename
* Locate the checksum value
* Compare the object to your local computer
* Use a utility like shasum to calculate the file.
* When comparing this value, it should match the value in the S3 console

### Clean up

* Delete test object
* Delete test bucket