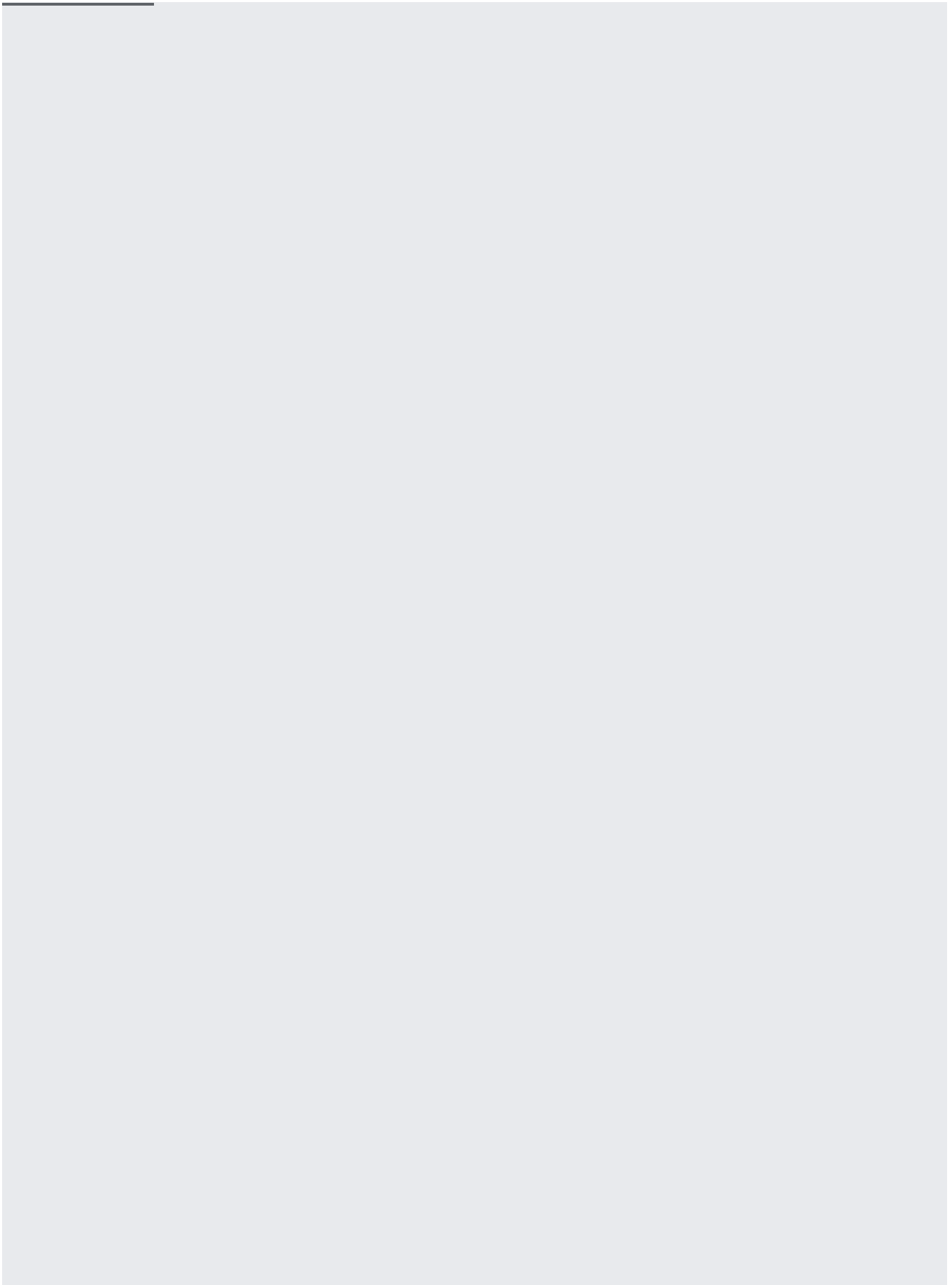

This page describes how to set up Object Versioning and gives examples of using Object Versioning. For a description of this feature, see [Object Versioning \(/storage/docs/object-versioning\)](/storage/docs/object-versioning/).

The following sections show how to turn Object Versioning on and off using the [gsutil tool \(/storage/docs/gsutil\)](/storage/docs/gsutil/), the [JSON API \(/storage/docs/json-api/\)](/storage/docs/json-api/), and the [XML API \(/storage/docs/xml-api/overview\)](/storage/docs/xml-api/overview). Object Versioning cannot currently be controlled using the Google Cloud Console.

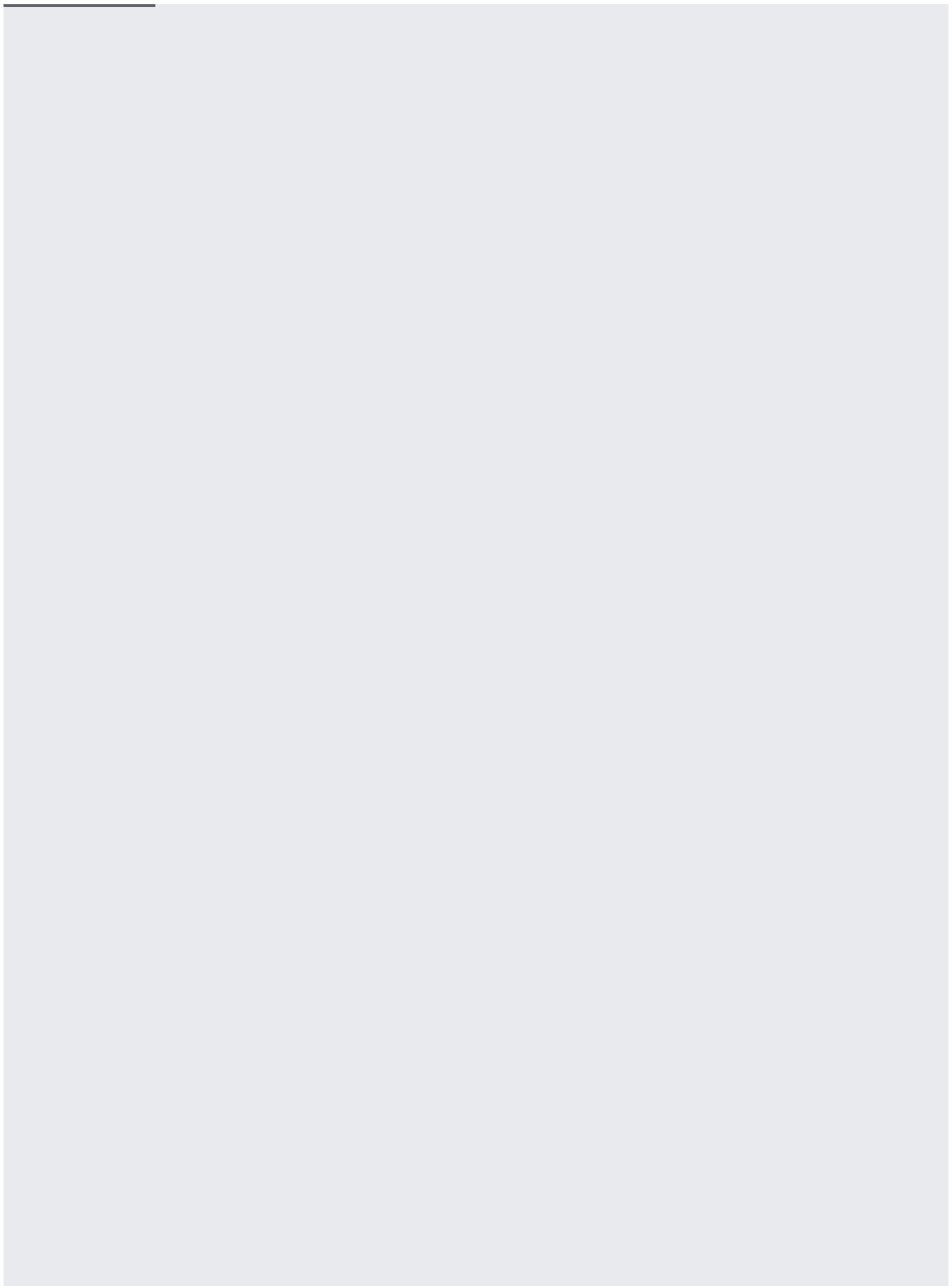
Object Versioning cannot be enabled on a bucket that currently has a [retention policy \(/storage/docs/bucket-lock\)](/storage/docs/bucket-lock/).

To enable Object Versioning on a bucket:



Once Object Versioning is enabled, Cloud Storage creates a *noncurrent version* (/storage/docs/object-versioning) of an object each time the live version of the object is overwritten or deleted.

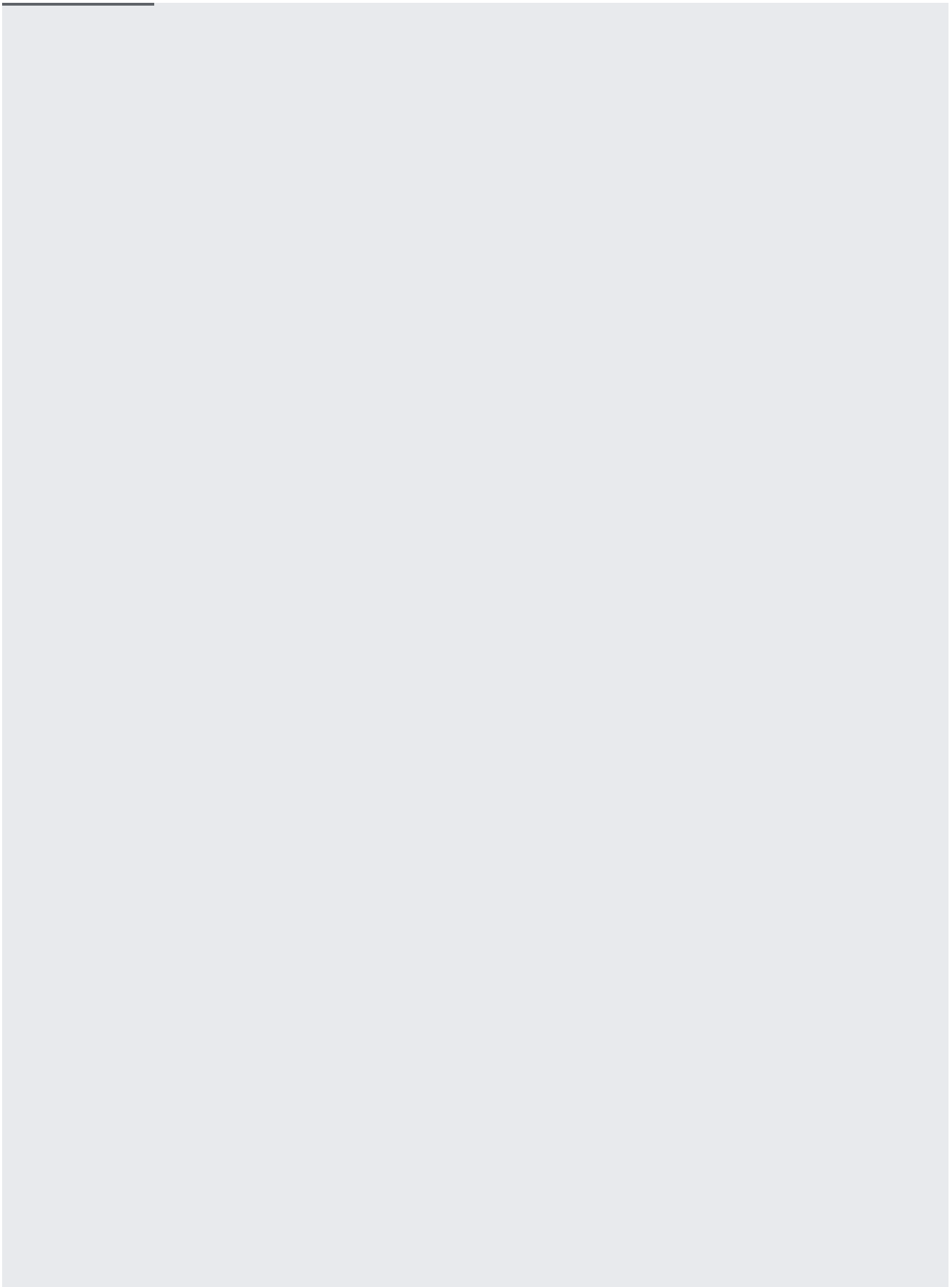
To disable Object Versioning on a bucket:



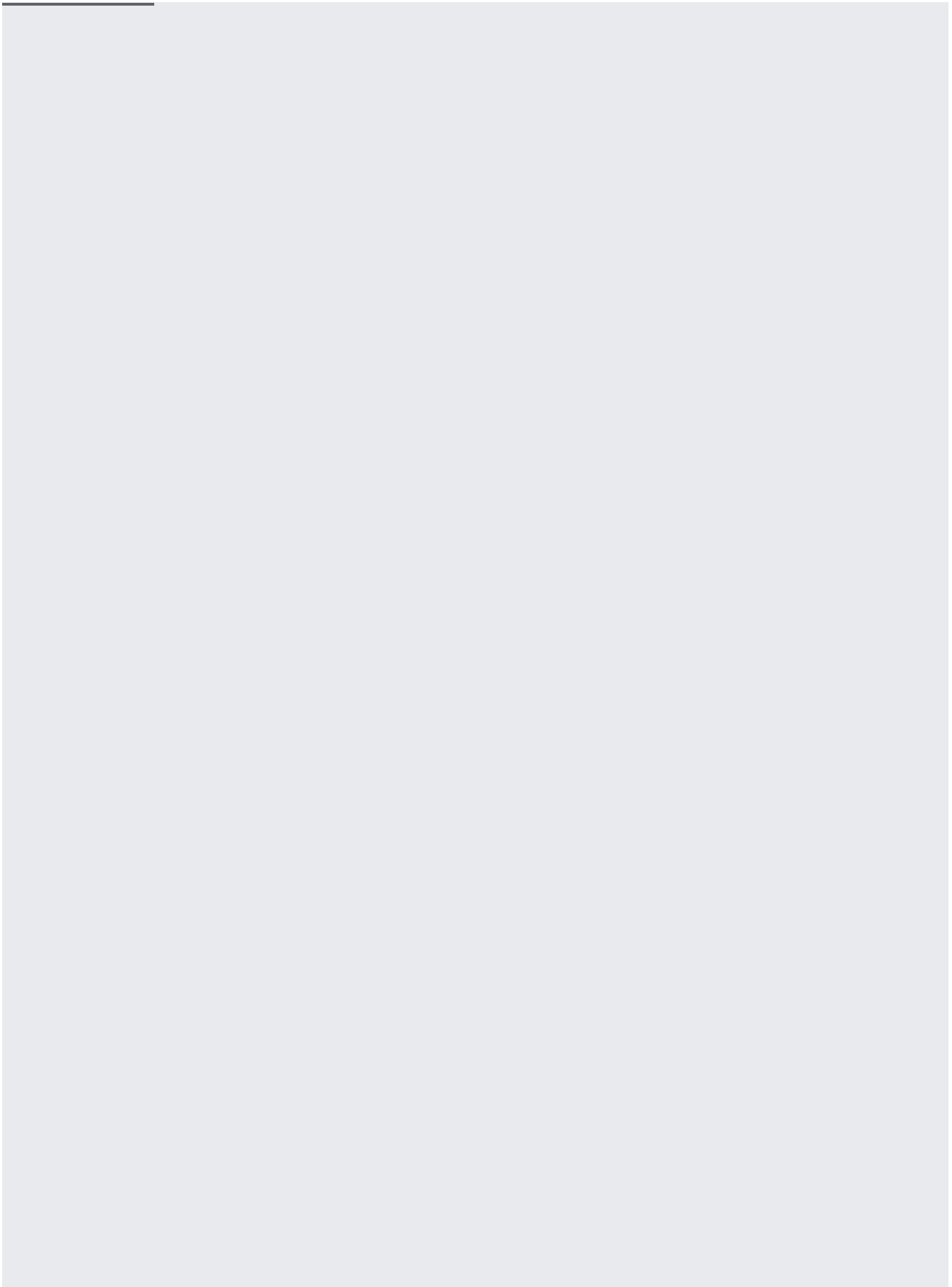
To check whether Object Versioning is enabled on a bucket:

The following sections show how to work with versioned objects. For an in-depth example of working with Object Versioning, see [Object Versioning example](/storage/docs/object-versioning#example) (/storage/docs/object-versioning#example).

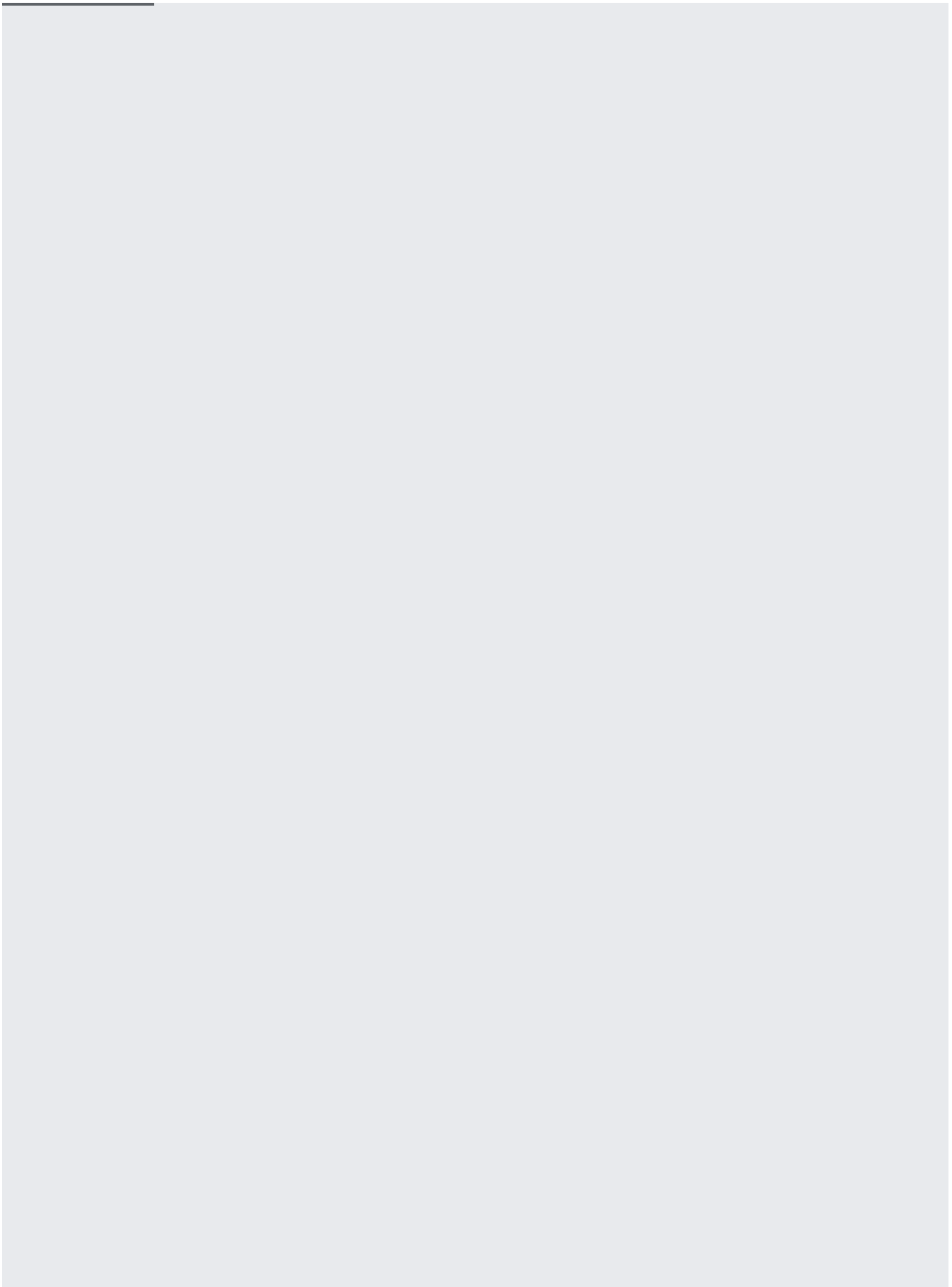
To list both live and noncurrent versions of an object and view their **generation** numbers:



To use the noncurrent version of an object when performing tasks such as downloading the object, viewing its metadata, or updating its metadata:



To copy a noncurrent version of an object:



To delete a noncurrent version of an object:

