

1. ResponseError

- **Meaning:** This is a generic error raised for any unexpected response from the MinIO server. It could be caused by invalid requests or server issues. The error contains information about the HTTP response code and error message.

2. BucketAlreadyExists

- **Meaning:** Raised when trying to create a bucket that already exists in the MinIO system.

3. BucketAlreadyOwnedByYou

- **Meaning:** This exception is raised when the bucket already exists and is owned by the current user trying to create it.

4. BucketNotEmpty

- **Meaning:** Raised when trying to delete a bucket that is not empty, i.e., contains objects.

5. InvalidBucketName

- **Meaning:** Raised when an invalid bucket name is used. Bucket names need to follow specific naming conventions like length limits, characters allowed, etc.

6. InvalidObjectName

- **Meaning:** Raised when an invalid object name is used. Object names may have restrictions in terms of characters or length.

7. NoSuchBucket

- **Meaning:** Raised when an operation is performed on a bucket that does not exist.

8. NoSuchKey

- **Meaning:** Raised when attempting to access an object (key) that does not exist in the specified bucket.

9. AccessDenied

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- **Meaning:** Raised when the user doesn't have the necessary permissions to perform the action, such as when access policies restrict the action.

10. **SignatureDoesNotMatch**

- **Meaning:** Raised when there is a signature mismatch during API requests, indicating issues with authentication or request signing.

11. **InvalidPart**

- **Meaning:** Raised during multipart uploads when an invalid part number or data is used in an upload request.

12. **InvalidPartOrder**

- **Meaning:** Raised when parts are uploaded in an incorrect order during multipart uploads.

13. **NoSuchUpload**

- **Meaning:** Raised when a multipart upload operation references an upload that doesn't exist (possibly due to an invalid or expired upload ID).

14. **EntityTooSmall**

- **Meaning:** Raised when a part being uploaded during a multipart upload is smaller than the allowed size (except for the last part).

15. **EntityTooLarge**

- **Meaning:** Raised when an object being uploaded exceeds the size limits allowed.

16. **InvalidArgument**

- **Meaning:** Raised when an invalid argument is passed to an API method, such as invalid values for parameters like offset or length.

17. **MalformedXML**

- **Meaning:** Raised when the request contains invalid or malformed XML, typically in requests that involve creating lifecycle policies or object locking.

18. MethodNotAllowed

- **Meaning:** Raised when the requested HTTP method is not allowed for the resource, e.g., using `POST` instead of `GET`.

19. PreconditionFailed

- **Meaning:** Raised when a precondition specified in the request headers is not met, such as when using conditions for object updates.

20. InvalidAccessKeyId

- **Meaning:** Raised when the access key provided for authentication is not valid or is incorrect.

21. NoSuchVersion

- **Meaning:** Raised when trying to access a version of an object that does not exist, applicable in versioned buckets.

22. SlowDown

- **Meaning:** Raised when requests are being throttled due to rate limits. It indicates that the client is sending requests too quickly.

23. ExpiredPresignedURL

- **Meaning:** Raised when trying to use a presigned URL that has expired.