

AWS S3 CLI Commands

S3 Bucket Commands

Purpose	Command
Create a bucket	<code>aws s3 mb s3://<bucket-name></code>
List all buckets	<code>aws s3 ls</code>
List contents of a bucket	<code>aws s3 ls s3://<bucket-name>/</code>
Delete a bucket	<code>aws s3 rb s3://<bucket-name></code>
Delete bucket (force)	<code>aws s3 rb s3://<bucket-name> --force</code>

S3 Object (File) Commands

Purpose	Command
Upload a file	<code>aws s3 cp <local-path> s3://<bucket-name>/<key></code>
Download a file	<code>aws s3 cp s3://<bucket-name>/<key> <local-path></code>
Copy object between buckets	<code>aws s3 cp s3://<source-bucket>/<key> s3://<dest-bucket>/<key></code>
Delete an object	<code>aws s3 rm s3://<bucket-name>/<key></code>
Delete all object in a bucket	<code>aws s3 rm s3://<bucket-name> --recursive</code>

Sync Commands

Purpose	Command
Sync folder to bucket	<code>aws s3 sync <local-folder> s3://<bucket-name></code>
Sync bucket to folder	<code>aws s3 sync s3://<bucket-name> <local-folder></code>

Permissions & Access

Purpose	Command
Set public read on object	<code>aws s3api put-object-acl --bucket <bucket-name> --key <key> --acl public-read</code>
Get object ACL	<code>aws s3api get-object-acl --bucket <bucket-name> --key <key></code>

Advanced / API-level (s3api)

Purpose	Command
Enable bucket versioning	<code>aws s3api put-bucket-versioning --bucket <bucket-name> --versioning-configuration Status=Enabled</code>
Get bucket versioning status	<code>aws s3api get-bucket-versioning --bucket <bucket-name></code>
List object versions	<code>aws s3api list-object-versions --bucket <bucket-name></code>
List bucket policy	<code>aws s3api get-bucket-policy --bucket <bucket-name></code>
Set bucket policy	<code>aws s3api put-bucket-policy --bucket <bucket-name> --policy file://policy.json</code>
Get bucket policy	<code>aws s3api get-bucket-policy --bucket <bucket-name></code>

😊 Other

Purpose	Command
Check Object Metadata	<code>aws s3api head-object --bucket <bucket-name> --key <key></code>