Delete objects

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import { Tabs, TabItem, DashButton, LinkCard } from "~/components";

You can delete objects from R2 using the dashboard, Workers API, S3 API, or command-line tools.

To empty or delete an entire bucket, refer to Delete buckets.

Delete via dashboard

1. In the Cloudflare dashboard, go to the **R2 object storage** page.
2. Select your bucket.
3. (Optional) Select the **View prefixes as directories** checkbox to view prefixes grouped as folders.
4. Select the objects or folders you want to delete. You can select a mix of both in the same operation.
5. Select **Delete**.
6. Confirm your choice in the dialog that appears.

To delete all objects in a bucket at once, refer to Empty a bucket.

Delete via Workers API

Use R2 bindings in Workers to delete objects:

```
export default {
	async fetch(request: Request, env: Env, ctx: ExecutionContext) {
		await env.MY_BUCKET.delete("image.png");
		return new Response("Deleted");
	},
} satisfies ExportedHandler<Env>;
```

For complete documentation, refer to Workers API.

Delete via S3 API

Use S3-compatible SDKs to delete objects. You'll need your account ID and R2 API token.

```
import { S3Client, DeleteObjectCommand } from "@aws-sdk/client-s3";

const S3 = new S3Client({
	region: "auto", // Required by SDK but not used by R2
	// Provide your Cloudflare account ID
	endpoint: `https://<ACCOUNT_ID>.r2.cloudflarestorage.com`,
	// Retrieve your S3 API credentials for your R2 bucket via API tokens (see:
https://developers.cloudflare.com/r2/api/tokens)
	credentials: {
		accessKeyId: '<ACCESS_KEY_ID>',
		secretAccessKey: '<SECRET_ACCESS_KEY>',
	},
});

await S3.send(
	new DeleteObjectCommand({
		Bucket: "my-bucket",
		Key: "image.png",
	}),
);
```

```
import boto3

s3 = boto3.client(
	service_name="s3",
```

```
# Provide your Cloudflare account ID
endpoint_url=f"https://{ACCOUNT_ID}.r2.cloudflarestorage.com",
# Retrieve your S3 API credentials for your R2 bucket via API tokens (see:
https://developers.cloudflare.com/r2/api/tokens)
aws_access_key_id=ACCESS_KEY_ID,
aws_secret_access_key=SECRET_ACCESS_KEY,
region_name="auto", # Required by SDK but not used by R2
)

s3.delete_object(Bucket="my-bucket", Key="image.png")
```

For complete S3 API documentation, refer to S3 API.

Delete via Wrangler

:::caution

Deleting objects from a bucket is irreversible.

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Use Wrangler to delete objects. Run the `r2 object delete` command:

```
wrangler r2 object delete test-bucket/image.png
```

Related resources

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