

# HTTP methods

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Available HTTP verbs (or methods, as they are properly called) are POST, GET, PUT, and DELETE. These correspond to create, read, update, and delete (or CRUD) operations, respectively. There are a number of other verbs, too, but are utilized less frequently.

Below is a table of methods used by this service API.

HTTP VERB	CRUD
POST	CREATE
GET	READ
PUT	UPDATE
DELETE	DELETE

## GET

The GET method is used to retrieve resources from a server. It is said to be a safe method as it does not change the state of the resource in any way.

GET method is idempotent Thus calling this method multiple times will always give the same result.

## POST

POST method is used to create a new resource into the collection of resources on a server.

It is important to note that POST is Non-idempotent. Thus invoking two identical POST requests will result in duplicate information being created on the server.

## PUT

PUT is used to update the existing resource on the server and it updates the full resource.

If the resource does not exist, PUT may decide to create a new resource.

PUT method is idempotent Thus calling this method multiple times will always update the same resource multiple times.

## DELETE

DELETE Method is used to delete the resources from a server. It deletes resource identified by the Request-URI.

DELETE method are idempotent.