

HTTP 2xx Status Codes (Success Responses)

The **2xx (Success)** class of status codes indicates that the client's request was successfully received, understood, and accepted. These codes confirm that the request was processed correctly.

200 OK

Meaning:

The request succeeded. The meaning depends on the HTTP method:

- **GET** : Resource is returned in response body
- **POST** : Action is completed, may return a result
- **PUT / DELETE** : Operation was successful

Use Cases:

- Retrieve a user profile
 - Update a setting
 - Delete an item
-

201 Created

Meaning:

The request succeeded and resulted in a new resource being created. The server typically returns the URI of the new resource in the **Location** header.

Use Cases:

- Creating a new user
- Uploading a new file
- Submitting a new order

Example:

```
HTTP/1.1 201 Created
Location: /users/123
```

202 Accepted

Meaning:

The request has been accepted for processing, but processing is not yet complete. The result may be available later.

Use Cases:

- Background job processing
 - File scanning
 - Payment verification
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203 Non-Authoritative Information

Meaning:

The response is successful but is returned from a **proxy or cache** and not directly from the origin server. The metadata might have been modified.

Use Cases:

- Used in CDN or caching layers
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204 No Content

Meaning:

The request was successful but there is **no content to send** in the response body.

Use Cases:

- `DELETE /resource` — item deleted successfully
 - `PUT /settings` — update done, no additional content
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205 Reset Content

Meaning:

The server has fulfilled the request and instructs the client to **reset the form/view/UI**.



Use Cases:

- Form submission where client should clear the form afterward



Rarely used in modern APIs



206 Partial Content



Meaning:

The server is delivering only part of the resource due to a **range request** from the client.



Use Cases:

- Video streaming
- Resuming large file downloads



Example:

```
HTTP/1.1 206 Partial Content
Content-Range: bytes 0-1023/5000
```



207 Multi-Status (*WebDAV*)



Meaning:

Used in WebDAV for operations affecting **multiple resources**. The response body contains multiple status codes.



Use Cases:

- File server actions like batch delete/copy/move in WebDAV



208 Already Reported (*WebDAV*)



Meaning:

Used inside a `DAV:propstat` response to avoid repeating the same information.

226 IM Used

Meaning:

The server has fulfilled the request and returned a response that is **delta-encoded** (partial changes instead of the full resource).

Use Cases:

- Rare use in bandwidth-optimized systems
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Summary Table

Code	Name	Description
200	OK	Request succeeded with response body
201	Created	New resource created successfully
202	Accepted	Request accepted, processing later
203	Non-Authoritative Info	Proxy-modified response data
204	No Content	Successful, but no response body
205	Reset Content	Client should reset form/UI
206	Partial Content	Only part of the content delivered
207	Multi-Status (<i>WebDAV</i>)	Multiple status responses for resources
208	Already Reported (<i>WebDAV</i>)	Avoid duplication in WebDAV responses
226	IM Used	Delta encoding applied to the response