

# HTTP response status codes



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# HTTP response status codes

## Informational 1xx

*These mean the request was received and understood; the client can continue.*

100

*Continue - The initial part of the request has been received and the client should continue with the request.*

101

*Switching Protocols - The server is changing protocols as requested by the client.*

101

*Processing - The server has received and is processing the request, but no response yet.*

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# HTTP response status codes

## Sucess 2xx

*These codes indicate that the request was successfully received, understood, and accepted.*

200

*Standard response for a successful request.*

201

*A new resource has been successfully created (e.g., after a POST request).*

202

*The request has been accepted for processing, but it's not completed yet.*

204

*The request was successful but there is no content to return.*

206

*Used when returning a part of a resource, such as with range requests (downloads).*

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# HTTP response status codes

## Redirection 3xx

*These codes indicate the client must take additional steps to complete the request.*

**301**

*The resource has permanently moved to a new URL. Use the new URL in future.*

**302**

*Temporarily moved; client should use the original URL again next time.*

**304**

*Resource hasn't changed. The client can use the cached version.*

**307**

*The request should be repeated at another URL, but the method must not change (e.g., POST remains POST).*

**308**

*Like 301, but method and body must not be changed.*

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# HTTP response status codes

## Client Error 4xx

*These indicate the client has made an error.*

400

The server couldn't understand the request due to invalid syntax.

401

Authentication is needed or failed.

403

The client does not have access rights to the content.

404

The requested resource could not be found on the server.

405

*The method (GET, POST, etc.) is not allowed for the requested resource*

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# HTTP response status codes

## Client Error 4xx

*These indicate the client has made an error.*

409

*The request could not be completed due to a conflict (e.g., duplicate data).*

413

*The request is larger than the server is willing or able to process.*

415

*The media format of the request is not supported by the server.*

429

*You have sent too many requests in a given amount of time (rate limiting).*

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# HTTP response status codes

## Server Error 5xx

*These indicate that the server failed to fulfill a valid request.*

500

*A generic error message, something went wrong on the server.*

501

*The server does not support the functionality required.*

502

*The server received an invalid response from the upstream server.*

503

*The server is temporarily unavailable (maintenance, overload).*

504

*The upstream server didn't respond in time.*

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