**Most Common HTTP Status Codes**

You search for anything on Google or any search engine, and by this, a request is being sent to the server, then the server responds. This response is done using ***HTTP (HyperText Transfer Protocol)***by the server. There can be two cases – the server may respond with the information it has, or else it may show an error with a code. Whenever there’s an error in the back end, the server responds with an error code that explains what error could have happened.

The *HTTP status code is a response made by the server to the client’s request.*These are three-digit codes, while*there are more than 60 error status codes,*

The major HTTP status codes which are printed generally.

**Status codes with their meanings:**

* **1xx –**Informational Response (These status codes are all about the information received by the server when a request is made).
* **2xx –** Success (This status code depicts that the request made has been fulfilled by the server and the expected response has been achieved).
* **3xx –** Redirection (The requested URL is redirected elsewhere).
* **4xx –**Client Errors (This indicates that the page is not found).
* **5xx –**Server Errors (A request made by the client but the server fails to complete the request).

### 1. 200 (Success/OK)

The HTTP status code 200 represents success which means the page you have requested has been fetched. The action made has been accepted and has been delivered to the client by delivering the requested page.

* GET: entity in reference to the requested source sent to the response
* POST: entity describing the response of action made
* HEAD: an entity-header field similar to the requested source
* TRACE: a request made by the client is taken care of by the server

### 2. 301 (Permanent Redirect)

The HTTP status code 301 means that the page you have requested has moved to a new URL and which is permanent. In the future, whenever the user requests the same website, it will be redirected to the new URL. The modified permanent URL is given by the location filed in response.

### 3. 302 (Temporary Redirect)

The requested URL has been redirected to another website which is temporary. Major changes in the URL will be in the future. Other than GET or HEAD, if the 302 is received in response to a request. The redirection is temporarily redirected to another website.

### 4. 304 (Not Modified)

HTTP status code 304 is used for caching purposes. The response has not been changed so that in the future the client can resume the same cache. If there’s a GET request and access is allowed, but the document has not been modified. The response MUST NOT contain a message-body and therefore comes to an end by the first empty line.

### 5. 400 (Bad Request)

When the client requests a page and the server is not able to understand anything, it displays a 400 HTTP status code. The client SHOULD NOT repeat the request without any changes. The request can be a malformed, deceptive request routing, or invalid request.

### 6. 401 (Unauthorized Error)

This HTTP status code requires user authentication. The response includes the WWW-Authenticate header field containing a challenge applied to a requested source. HTTP access authentication “HTTP Authentication: Basic and Digest Access Authentication”.

### 7. 403 (Forbidden)

The HTTP status code 403 implies that the request is understood by the server, but still refuses to fulfill it. If the request method was not HEAD and also the server wants to make it public when the request is not completed, it SHOULD tell the reason for the refusal in the entity.

### 8. 404 (Not Found)

404 HTTP Status code appears when you request a URL and then the server has not found anything. This happens when the server doesn’t wish to describe the reason why the request has been refused. Also, the server is not able to find a representation for the target resource.

### 9. 500 (Internal Server Error)

500 HTTP status code means requesting a URL is not fulfilled because the server encounters an unexpected condition. It gives information about the request made if it is successful, and throws an error. When there’s an error during a connection to the server, and the requested page cannot be accessed then this message is displayed.

### 10. 501 (Not Implemented)

When a request is made by the client, the server is not able to recognize the request method and is not able to support any resource. By default. It is cacheable. The methods, the server requires to support are GET and HEAD. The server does not support the functionality required to fulfill the request.

#### Other HTTP Status Codes Are:

**1xx –**Informational Response

*100 Continue*

*101 Switching Protocol*

*102 Processing (WebDAV)*

*103 Early Hints*

**2xx –** Success

*200 OK*

*201 Created*

*202 Accepted*

*203 Non-Authoritative Information*

*204 No Content*

*205 Reset Content*

*206 Partial Content*

*207 Multi-Status (WebDAV)*

*208 Already Reported (WebDAV)*

*226 IM Used (HTTP Delta encoding)*

**3xx –** Redirection

*300 Multiple Choice*

*301 Moved Permanently*

*302 Found*

*303 See Other*

*304 Not Modified*

*305 Use Proxy*

*306 Unused*

*307 Temporary Redirect*

*308 Permanent Redirect*

**4xx –**Client Errors

*400 Bad Request*

*401 Unauthorized*

*402 Payment Required*

*403 Forbidden*

*404 Not Found*

*405 Method Not Allowed*

*406 Not Acceptable*

*407 Proxy Authentication Required*

*408 Request Timeout*

*409 Conflict*

*410 Gone*

*411 Length Required*

*412 Precondition Failed*

*413 Payload Too Large*

*414 URI Too Long*

*415 Unsupported Media Type*

*416 Range Not Satisfiable*

*417 Expectation Failed*

*418 I’m a teapot*

*421 Misdirected Request*

*425 Too Early*

*426 Upgrade Required*

*428 Precondition Required*

*429 Too Many Requests*

*431 Request Header Fields Too Large*

*451 Unavailable For Legal Reasons*

**5xx –**Server Errors

*500 Internal Server Error*

*501 Not Implemented*

*502 Bad Gateway*

*503 Service Unavailable*

*504 Gateway Timeout*

*505 HTTP Version Not Supported*

*506 Variant Also Negotiates*

*507 Insufficient Storage (WebDAV)*

*508 Loop Detected (WebDAV)*

*510 Not Extended*

*511 Network Authentication Required*