

## STATUS CODES:

### 1. ACKNOWLEDGEMENTS (200'S)

- I. **200** – “OK” This response code indicates that the request is successful.
- II. **201** - “Created Success” indicates that the request has succeeded and has led to the creation of a resource.
- III. **202** – “Accepted” This is an indication that the response has been accepted, but the processing has not been completed.
- IV. **204** – “No Content Success” a request has succeeded; however, the client doesn't need to navigate away from its current page.
- V. **205** – “Reset Content” this tells the client to reset the document view. For e.g., clear the content of a form or to refresh the UI.

### 2. REDIRECTS (300'S)

- I. **300** – “Multiple Choices” This response code indicates that the redirect has more than one possible response.
- II. **301** – “Moved Permanently meaning that the requested resource has been definitively moved to the URL given by the Location headers. A browser redirects to the new URL and search engines update their links to the resource.
- III. **302** – “Found” indicates that the resource has been temporarily moved to the URL given by the Location header.
- IV. **307** – “Temporary Redirect” this means that the resource requested has been temporarily moved to the URL given by the Location headers.  
**\*\*\*N.B.** 302 is temporary redirect, which is generated by the **server** whereas 307 is **internal redirect response** generated by the **browser**.

### 3. CLIENTSIDE ERRORS (400'S)

- i. **400** – “Bad Request” This status code indicates a client error. This occurs when the client sends an invalid request to the server. E.g., malformed syntax or invalid request message framing.

- ii. **401** – “Unauthorized” response status code indicates that the client request has not been completed because it lacks valid authentication credentials for the requested resource.
- iii. **402** – “Payment Required” is a nonstandard response status code that is reserved for future use. This status code was created to enable digital cash or (micro) payment systems and would indicate that the requested content is not available until the client makes a payment.
- iv. **403** - Forbidden response status code indicates that the server understands the request but refuses to authorize it.  
**\*\*\*N.B.** This status is like 401, but for the 403 Forbidden status code, re-authenticating makes no difference.
- V. **405** – “Method Not Allowed” response status code indicates that the server knows the request method, but the target resource doesn't support this method.

#### **4. SERVERSIDE ERRORS (500'S)**

- I. **500** – “Internal Server Error” It means that the server encountered an unexpected condition that prevented it from fulfilling the request. This error is usually returned by the server when no other error code is suitable.
- II. **501** – “Not Implemented” The server does not support the functionality required to fulfill the request. This status can also send a Retry-After header, telling the requester when to check back to see if the functionality is supported by then.
- III. **502** – “Bad Gateway” indicates that CloudFront couldn't serve the requested object because it couldn't connect to the origin server.
- IV. **503** – “Service Unavailable” This server error response code indicates that the server is not ready to handle the request. Common causes are a server that is down for maintenance or that is overloaded.

- V. 504 – “Gateway Timeout”** This server error response code indicates that the server, while acting as a gateway or proxy, did not get a response in time from the upstream server that it needed to complete the request.