

@h1k0r

## HTTP BASIC

HTTP (Hypertext Transfer Protocol) is a protocol used for communication between a client and a server over the internet. It defines how data is formatted and transmitted between the two parties. Here are some key concepts related to HTTP:

### 1. Request Methods:

- GET: Retrieves data from the server.
- POST: Sends data to the server to create a new resource.
- PUT: Sends data to the server to update an existing resource.
- DELETE: Requests the server to delete a resource.

### 2. Status Codes:

- 200 OK: The request was successful.
- 201 Created: The request was successful, and a new resource was created.
- 400 Bad Request: The server could not understand the request.
- 404 Not Found: The requested resource was not found.
- 500 Internal Server Error: The server encountered an error while processing the request.

### 3. Headers: HTTP headers contain additional information about the request or response. They provide metadata such as content type, authentication, caching instructions, and more.

### 4. URL Structure: A URL (Uniform Resource Locator) is the address used to access resources on the web. It typically consists of a scheme (e.g., "http://" or "https://"), a domain name, a path, and optional query parameters.

### 5. Request and Response Structure: HTTP requests consist of a request line, headers, and an optional body containing data. HTTP responses consist of a status line, headers, and an optional body containing the requested resource or an error message.

