**Http methods Best Practices**

**1.Basic Architecture**



**2. HTTP - Parameters**

* **HTTP Version**
* **Uniform Resource Identifiers**
* **Date/Time Formats**
* **Character Sets**
* **Content Encodings**
* **Media Types**

**3. HTTP - Requests**

* **GET**
* **POST**
* **PUT**
* **PATCH**
* **COPY**
* **DELETE**
* **CONNECT**
* **HEAD**
* **LINK**
* **UNLINK**
* **OPTIONS**

**4. HTTP - Responses**

* **Informational**
* **Success**
* **Redirection**
* **Client Error**
* **Server Error**

**5. HTTP - Status Codes**

**A. Information**

* **100 Continue**
* **101 Switching Protocols**

**B. Successful**

* **200 OK**
* **201 Created**
* **202 Accepted**
* **203 Non-authoritative Information**
* **204 No Content**
* **205 Reset Content**
* **206 Partial Content**

**C. Redirection**

* **300 Multiple Choices**
* **301 Moved Permanently**
* **302 Found**
* **303 See Other**
* **304 Not Modified**
* **305 Use Proxy**
* **306 Unused**
* **307 Temporary Redirect**

**D. Client Error**

* **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 Request Entity Too Large**
* **414 Request-url Too Long**
* **415 Unsupported Media Type**
* **416 Requested Range Not Satisfiable**
* **417 Expectation Failed**

**E. Server Error**

* **500 Internal Server Error**
* **501 Not Implemented**
* **502 Bad Gateway**
* **503 Service Unavailable**
* **504 Gateway Timeout**
* **505 HTTP Version Not Supported**

**6. HTTP - Header Fields**

* **General-header**
* **Client Request-header**
* **Server Response-header**
* **Entity-header**

**7. HTTP security**

* **Personal Information Leakage**
* **File and Path Names Based Attack**
* **DNS Spoofing**
* **Location Headers and Spoofing**
* **Authentication Credentials**
* **Proxies and Caching**
* **Content Security Policy (CSP)**
* **HTTP Strict Transport Security (HSTS)**
* **Cookie security**
* **X-Content-Type-Options**
* **X-Frame-Options**
* **X-XSS-Protection**