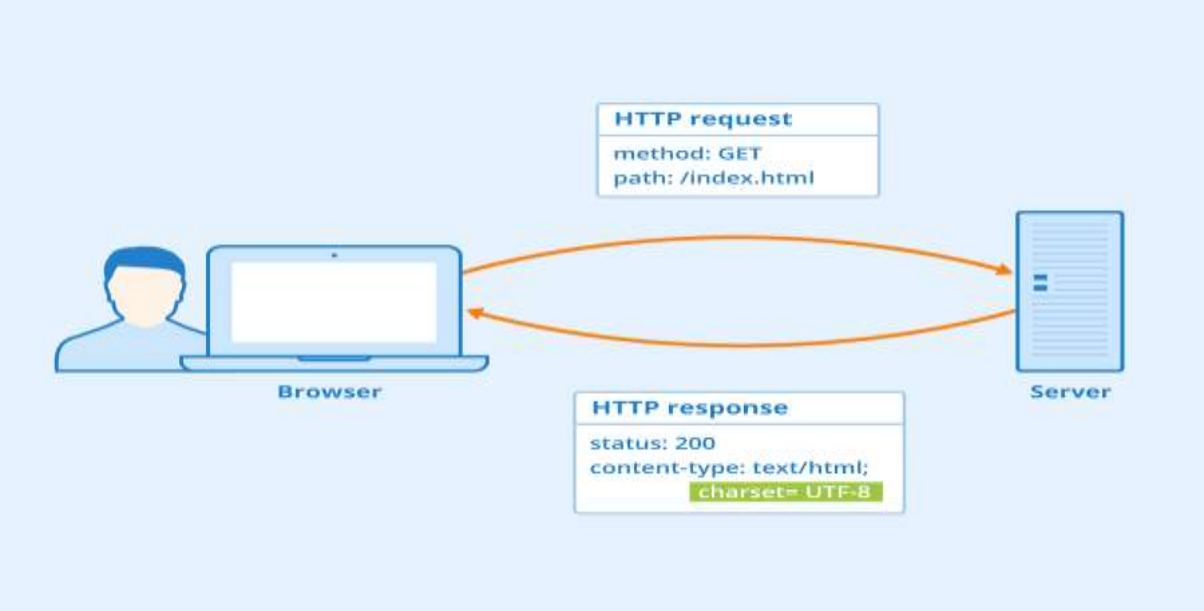
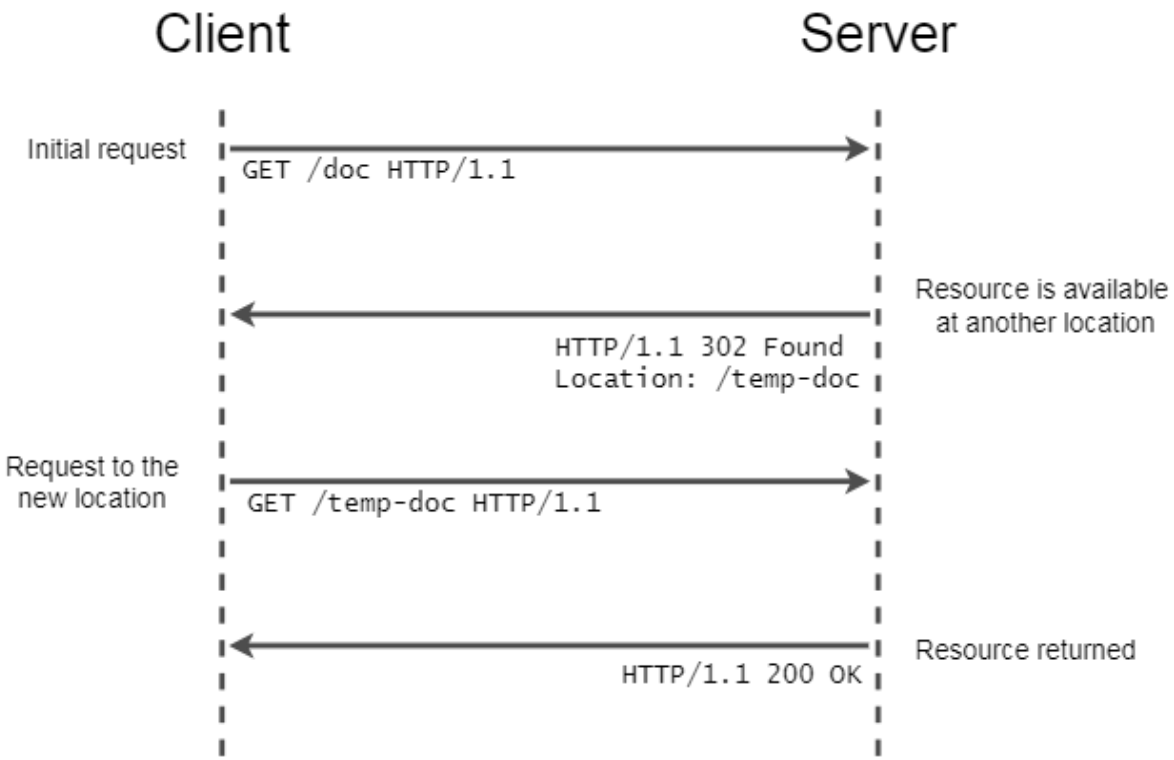
# HTTP & HTTPS

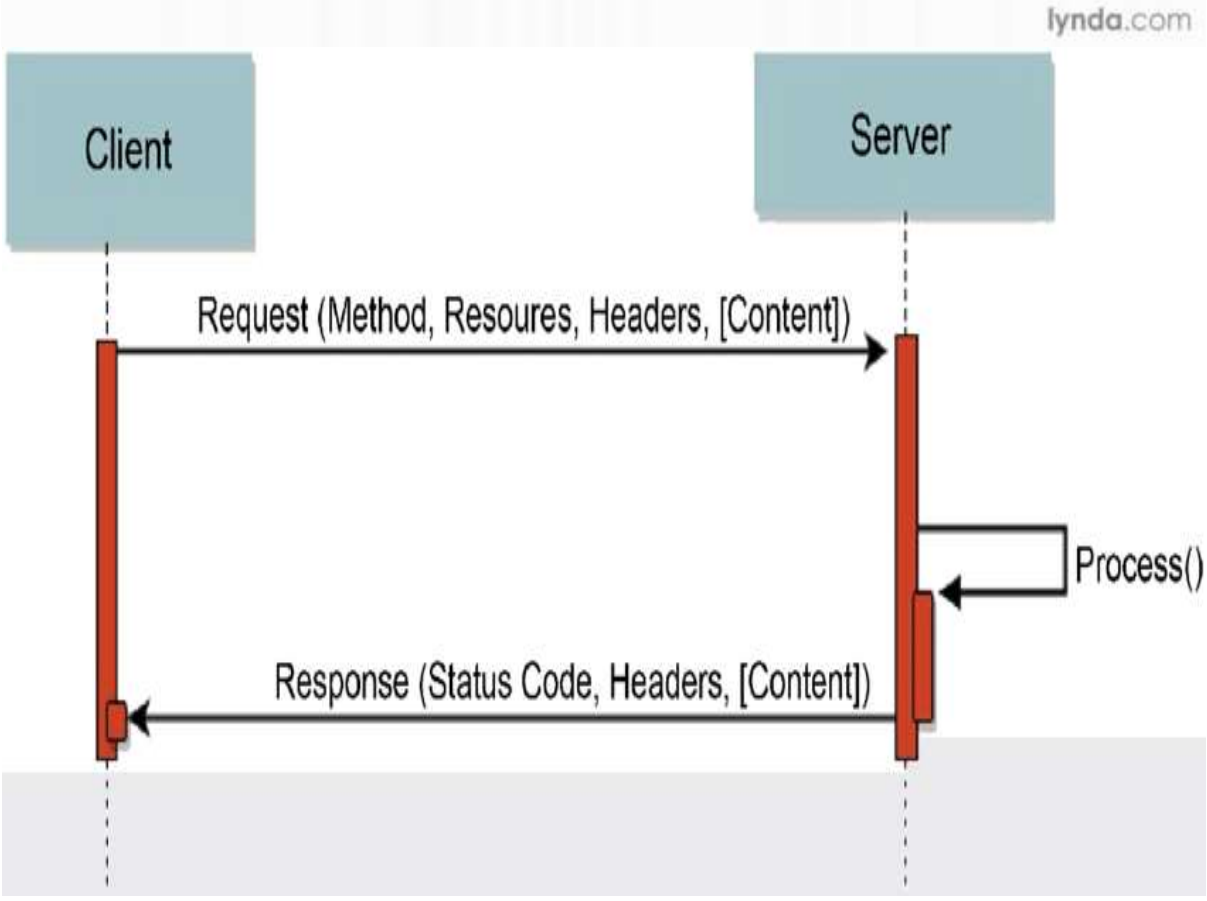


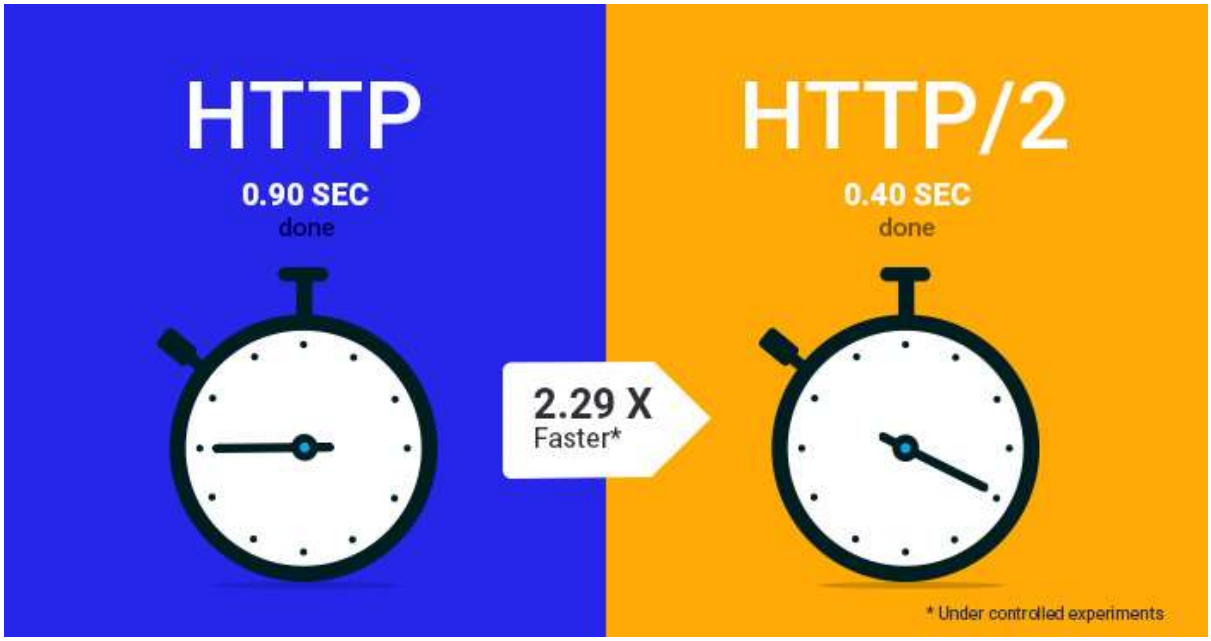

HTTP_Basics

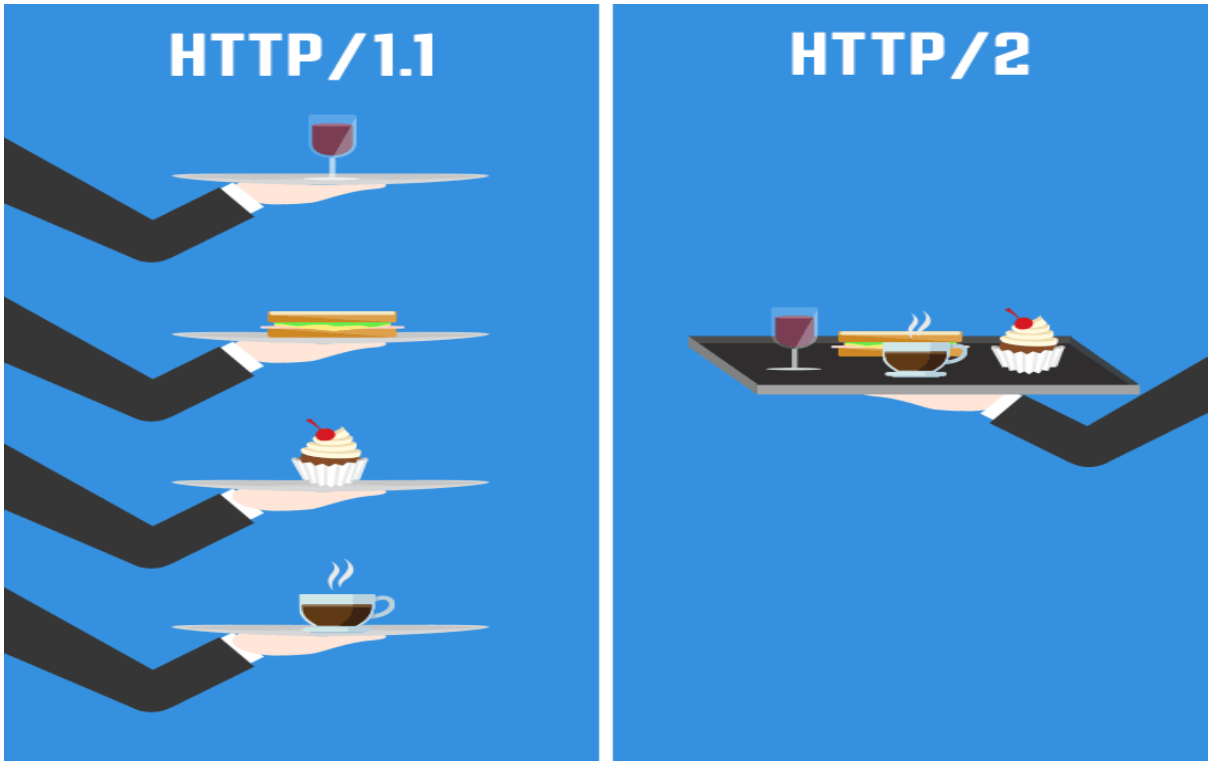
## HTTP Methods and Their Meaning

| Method | Meaning |
|---|---|
| GET | Read data |
| POST | Insert data |
| PUT or PATCH | Update data, or insert if a new id |
| DELETE | Delete data |




HTTP_Request_response_pattern




HTTP/2 is faster

# What is HTTPS?

**HTTP** + **SSL** = **HTTPS**

**(Hypertext Transfer Protocol)**

*Defines how messages are transmitted between visitor's browser and website's server.*

**(Secure Socket Layer)**

*Protects and encrypts information sent across the Internet.*

**(Hypertext Transfer Protocol Secure)**

*Encrypts information sent between browser and server.*

HTTPS makes it harder for hackers to break the connection and steal personal information such as credit card numbers, addresses, passwords, etc.

**HTTPS helps further protect the privacy of your visitors!**

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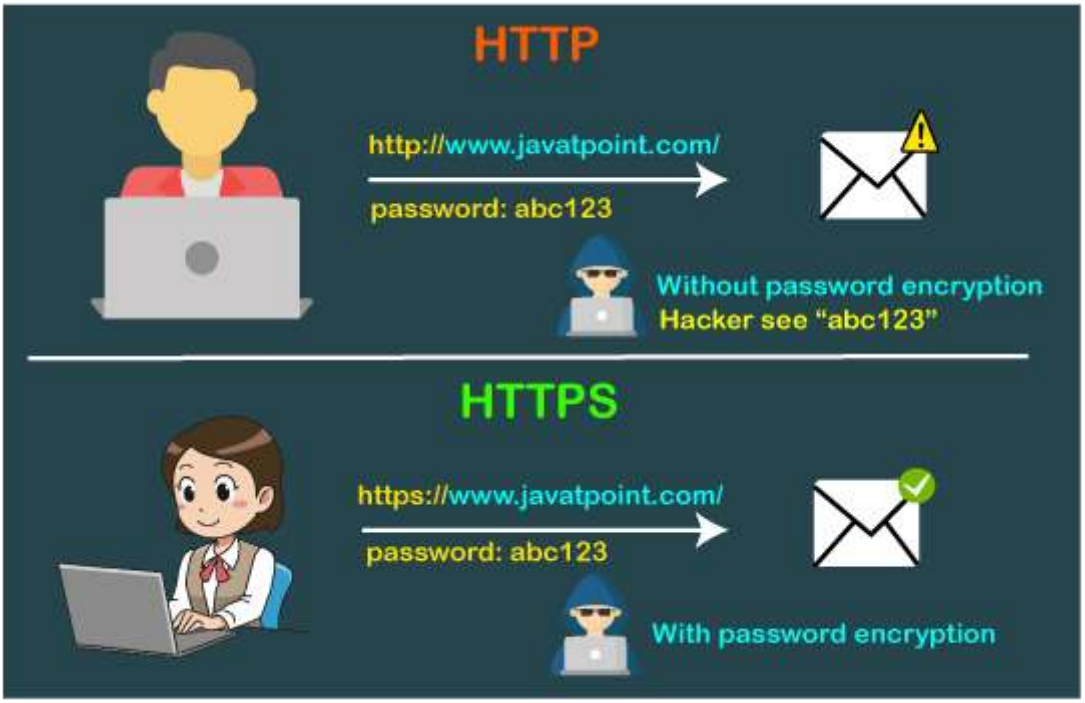
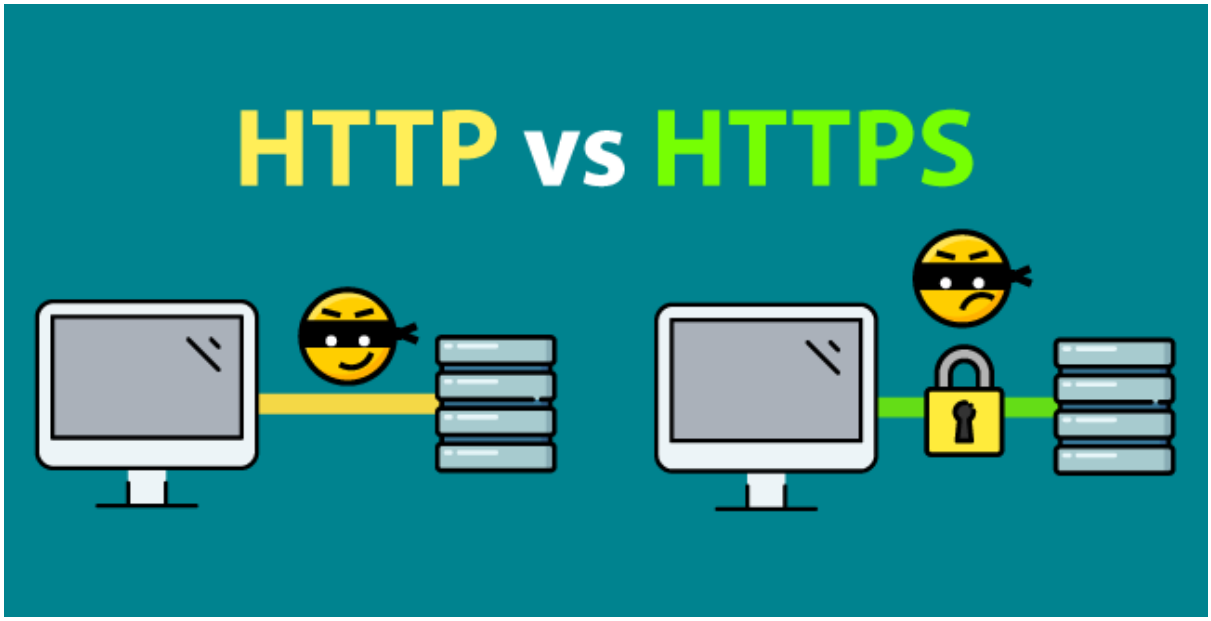
***Published By - Vikram Singh***




HTTP vs HTTPS