
















(1). Please break down the URLs listed below.
(list-out Protocol, Domain, TLD)

- **https** **www** **flipkart** **.com**
    
 Protocol subdomain domain top level domain(TLD)
 Secure

- **https** **www** **irctc.co** **.in**
    
 Protocol subdomain domain TLD
 Secure

- **https** **www** **allegro** **.pl**
    
 Protocol subdomain domain TLD
 Secure

- **https** **www** **johnlewispartnership.co** **.uk**
    
 Protocol subdomain domain TLD
 Secure

- **https** **www** **uidai.gov** **.in**
    
 Protocol subdomain domain TLD
 Secure

2). What is HTTPS/SSL Update?

- The HTTPS/SSL update to the process of transferring websites from the non-secure HTTP protocol to the secure 'HTTPS' protocol. This relocation is performed by installing an SSL certificate on the website server.
- HTTPS stands for hypertext transfer protocol secure, which is an extension of HTTP but with an added layer of security. HTTPS uses SSL (secure sockets layer) or TLS(transport sockets layer) protocol to encrypt data transmitted over the web , protecting sensitive information like password from being intercepted by malicious actors.
- SSL (secure socket layer) is an older security protocol used to establish encrypted links between a web server and a browser. It has largely been replaced by TLS (transfer layer security) which is a more secure and efficient protocol. However, the term "SSL" is still commonly used to refer to both SSL and TLS certificates.

(3). List out 10 famous browsers used worldwide

- Google chrome - The most popular browser developed by google.
- Mozilla Firefox - An open - source browser known for privacy and customization.
- Microsoft edge - successor to internet explorer developed by microsoft.
- Safari - Apples default browser for macOS and iOS devices.
- Opera - A feature-rich browser with a built-in VPN and ad blocker .
- Brave - focuses on privacy and blocks ads and trackers by default .
- Vivaldi - A customization browser built for power users

→ Tor browser - Designed for anonymity and secure browsing.

→ Chromium - the open-source version of google chrome .

→ Pale moon - A lightweight performance focused fork of firefox .

→ Epic privacy browser - A privacy centric browser that prevents tracking .