Beyond HTTP/1.1

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Introduction

HTTPS

HTTP/2

- Server push

HTTP

POST /login HTTP/1.1
...
email=test%40gmail.com&
password=password

HTTPS

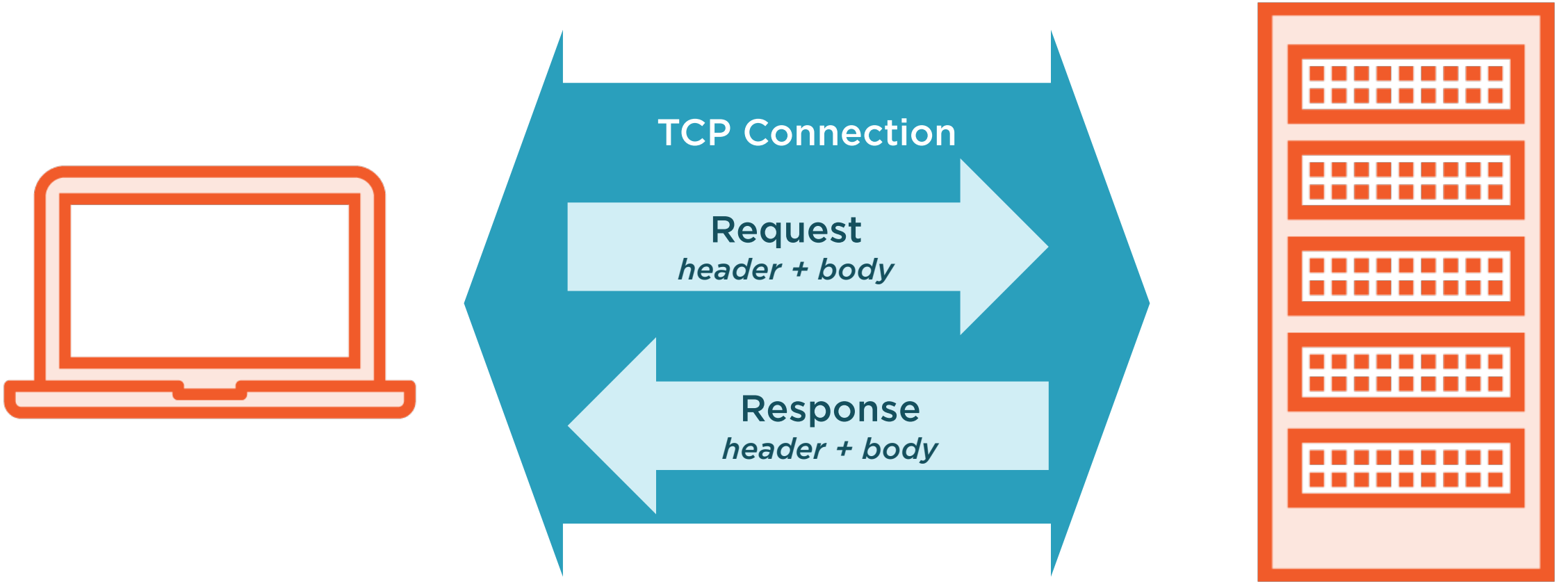
TLS
POST /login HTTP/1.1
email=test%40gmail.com&password=password

HTTP Listeners

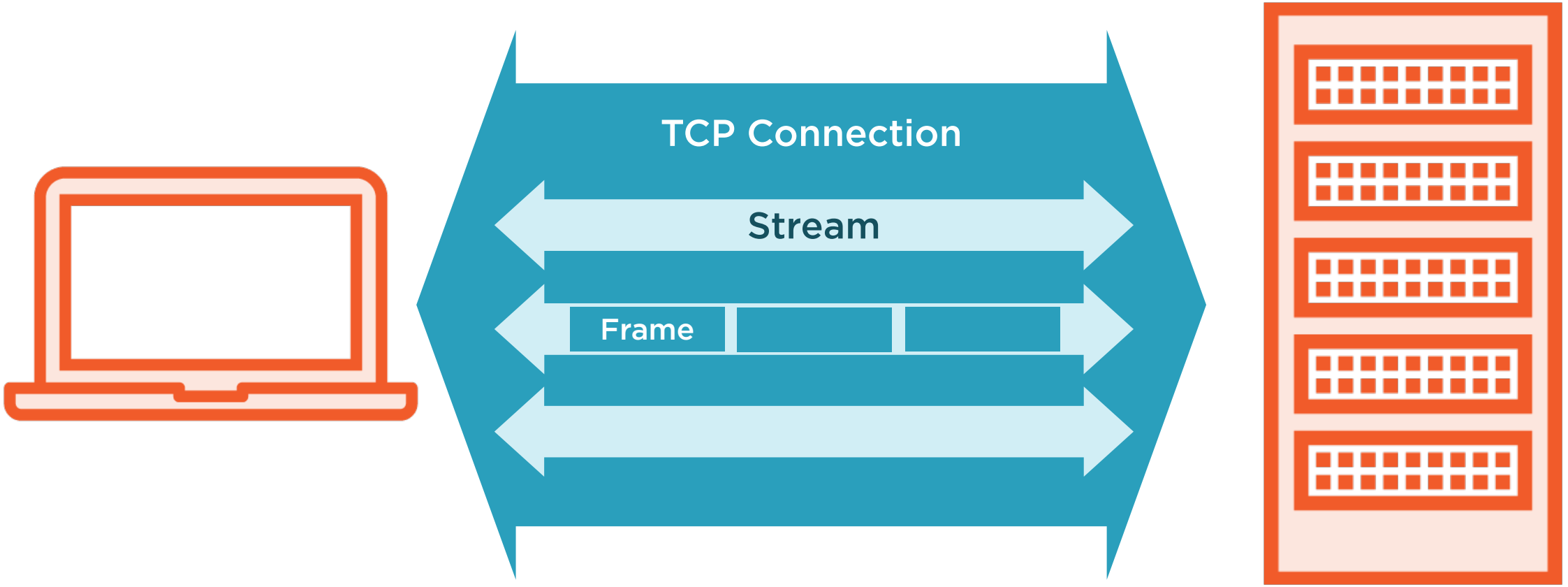
http.ListenAndServe

http.ListenAndServeTLS

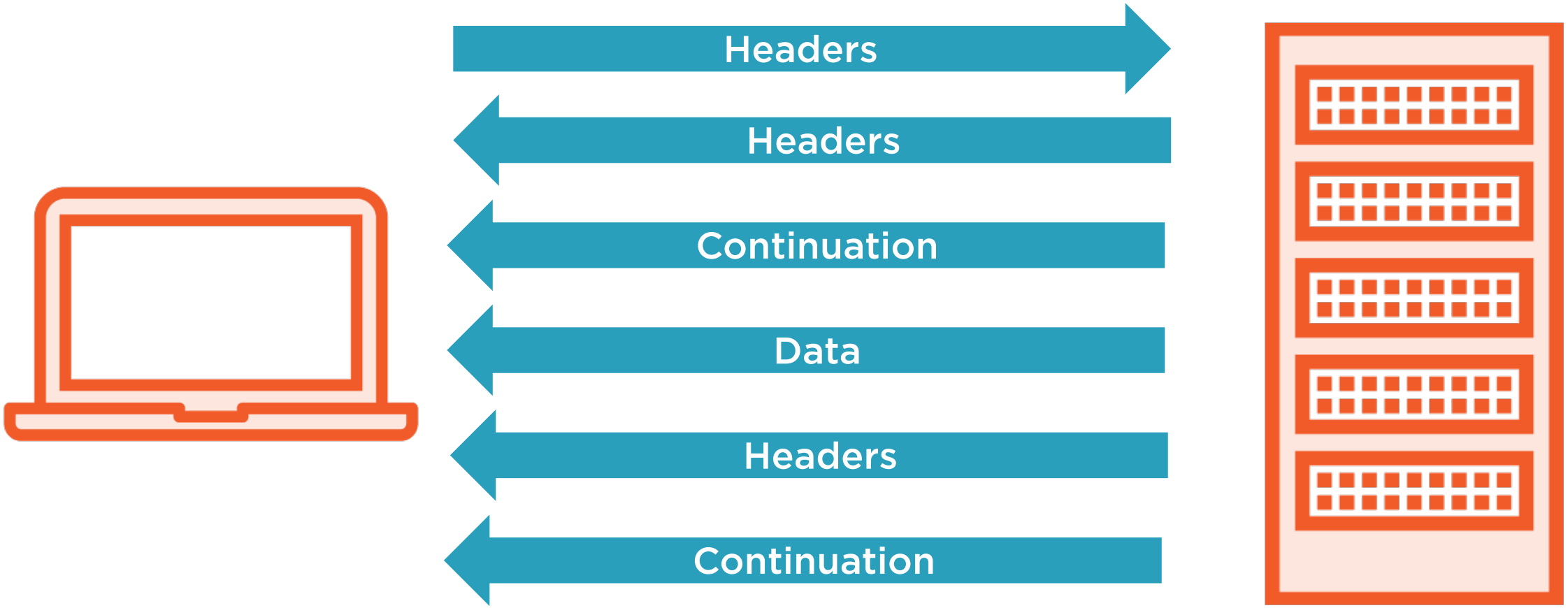
HTTP/1.1



HTTP/2



HTTP/2



Each data type can be optimized!

HTTP/2

Request multiplexing

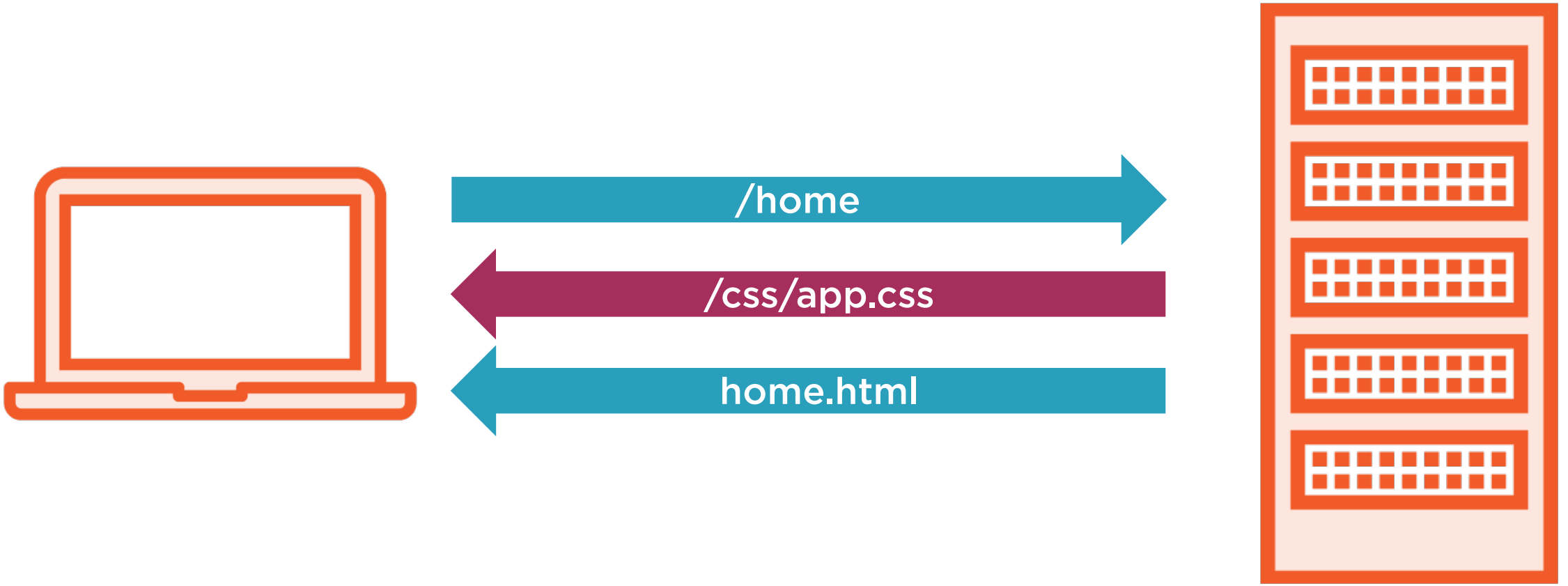
Header compression

Secure by default

Server push

HTTP/2 Server Push

HTTP/2 Server Push



Summary

HTTPS

HTTP/2

- Server push