

SOP & CORS

발표자료

Origin

`https://www.some-domain.com:443/some-path?key1=value1&key2=value2#foo`

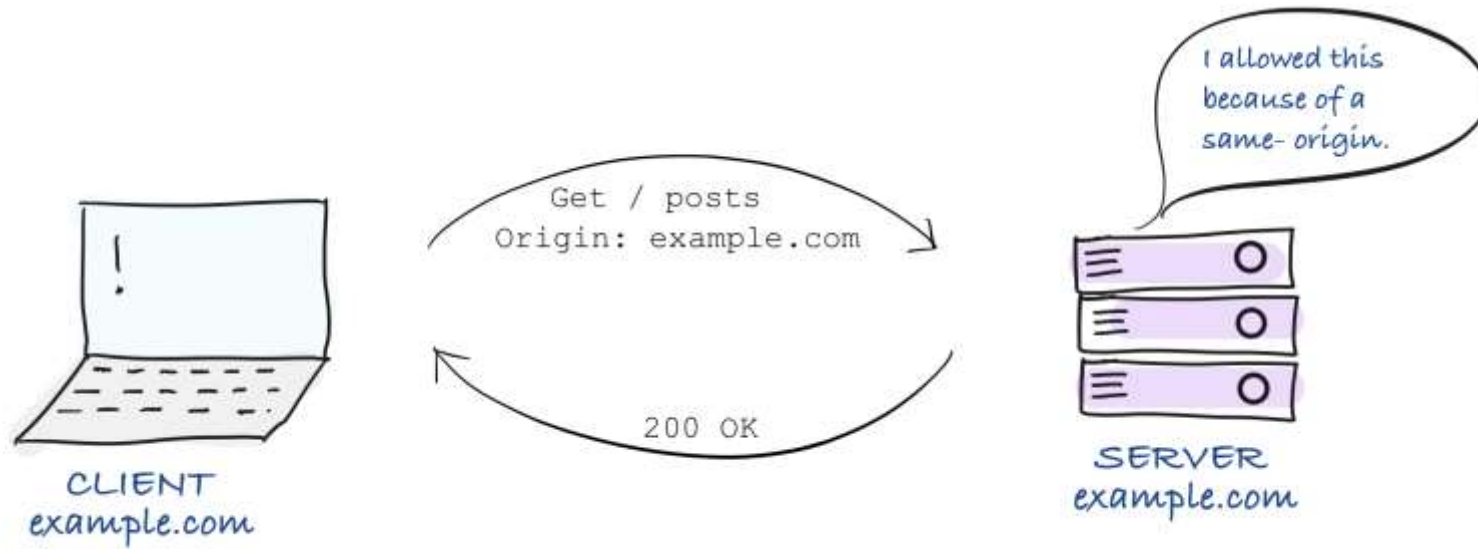
scheme domain name port path query string (parameter) fragment
(protocol) (host)

URL의 구성 요소

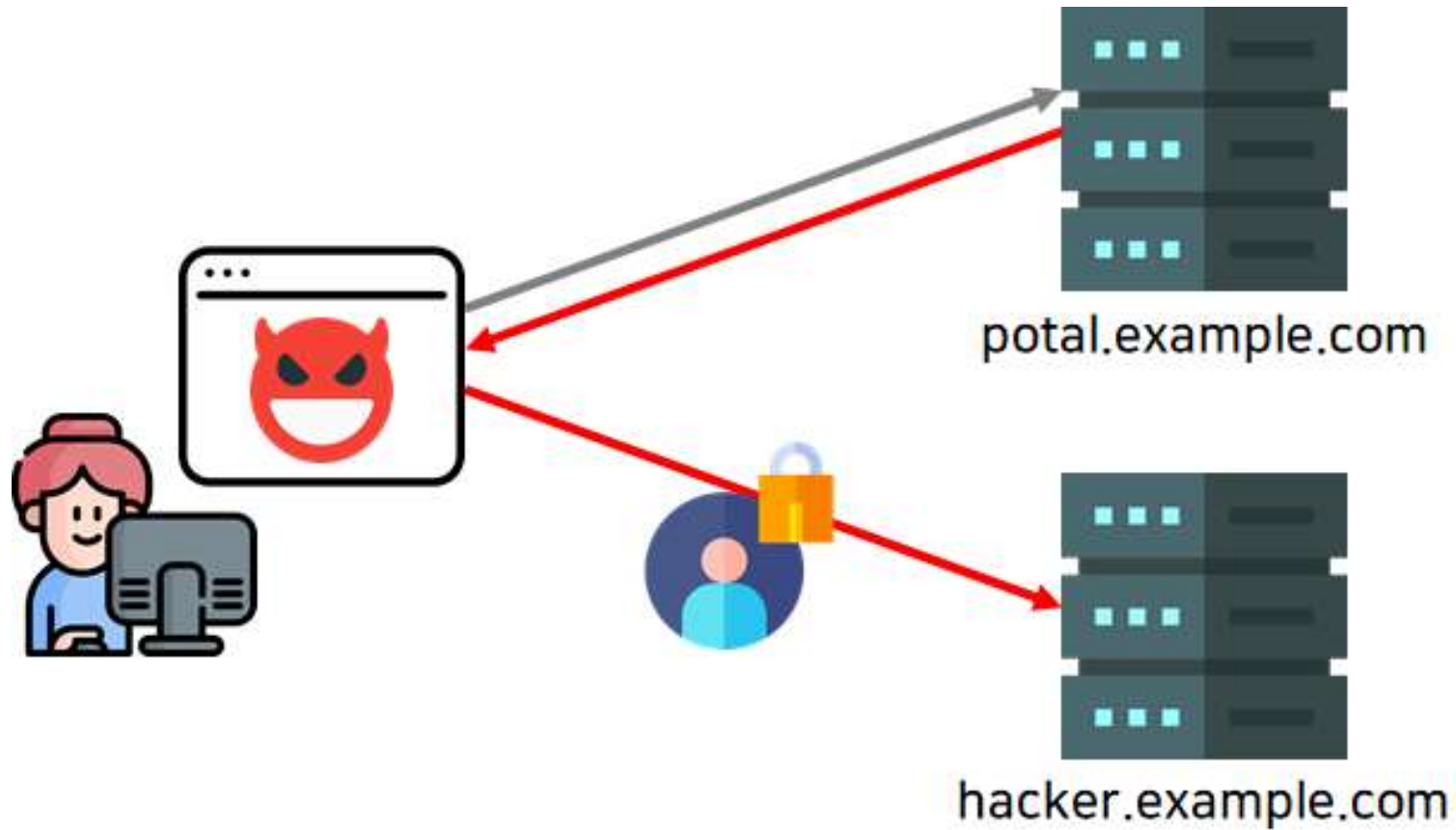
protocol & host & port 동일 => same origin

SOP

Same-Origin Policy

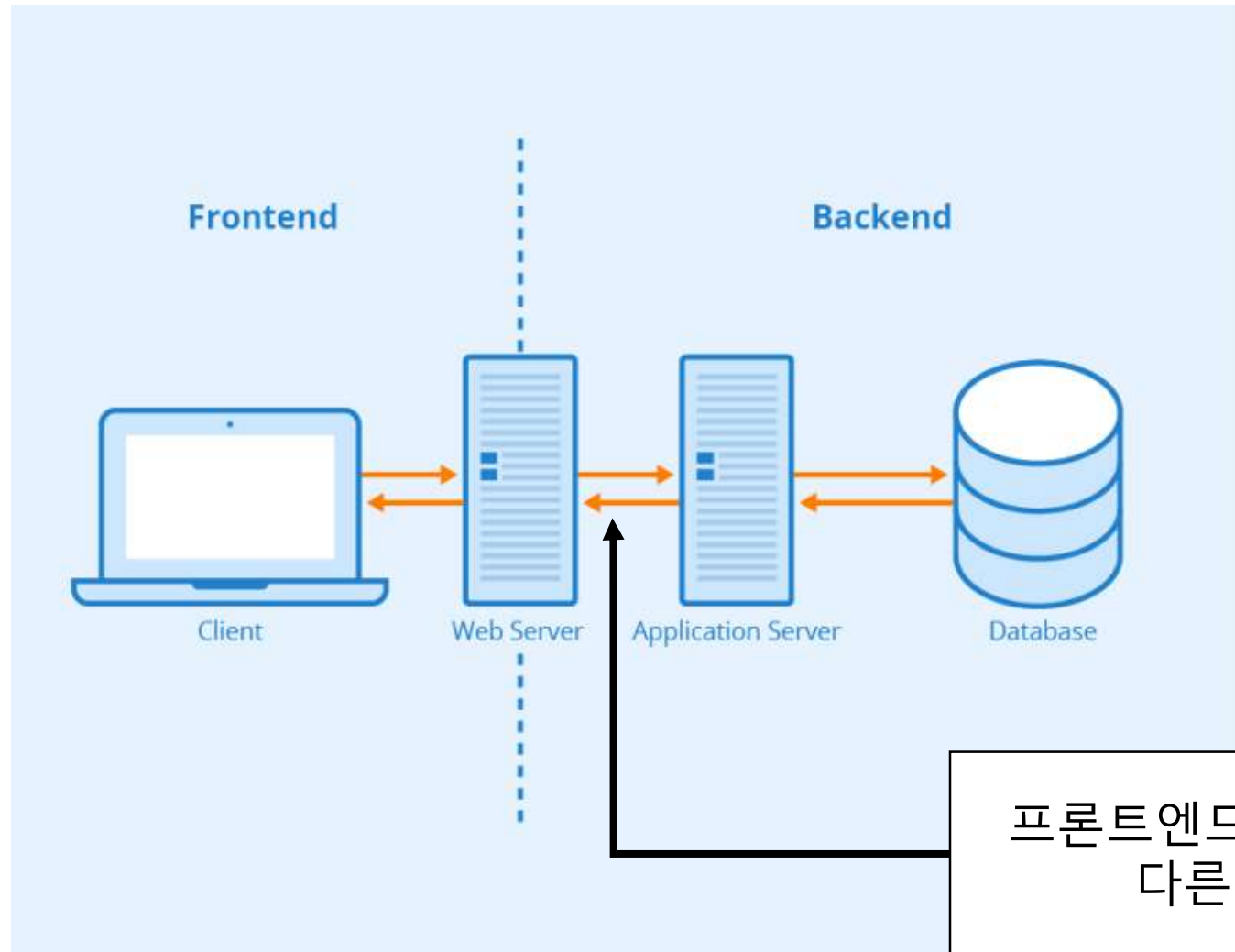


SOP 없다면



사용자 정보 탈취 & 요청 조작 가능해짐

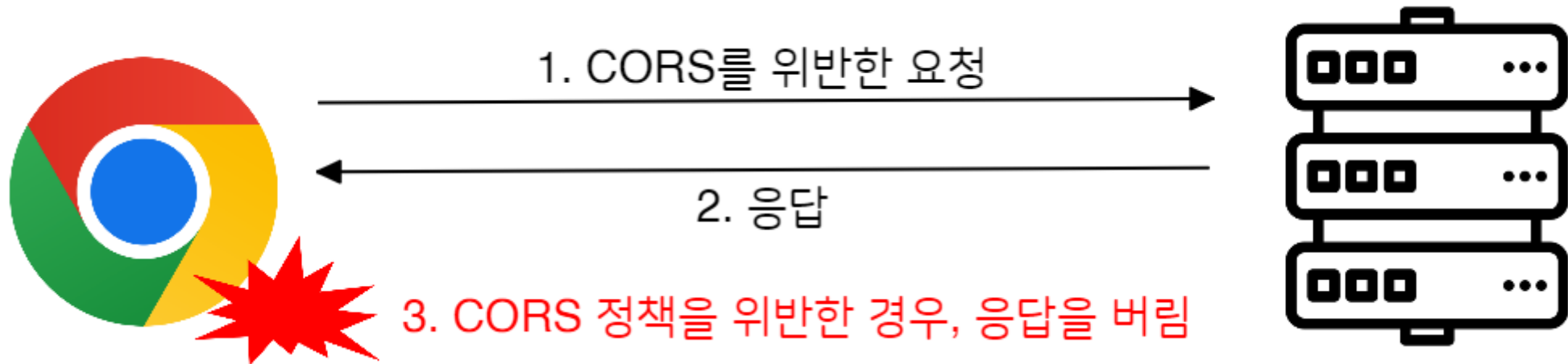
CORS 등장



CORS



CORS



CORS는 브라우저에 의해 실행되는 것

CORS 동작 방식

Simple request

Browser (<https://www.site.com>)

Request:

GET <https://www.api.com?q=test>
origin: <https://www.site.com>

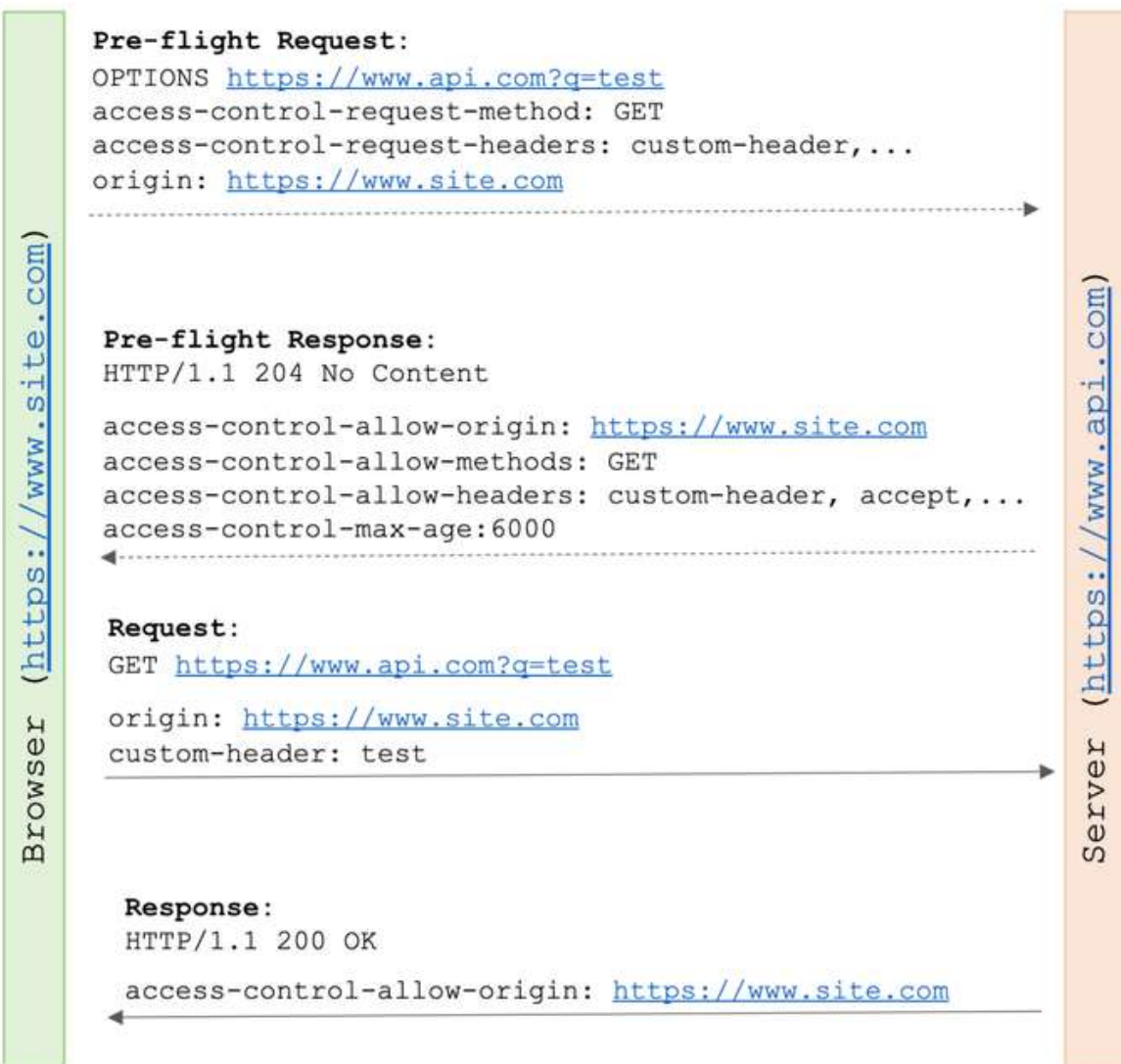
Response:

HTTP/1.1 200 OK
access-control-allow-origin: <https://www.site.com>

Server (<https://www.api.com>)

CORS 동작 방식

Preflight request



CORS 동작 방식

