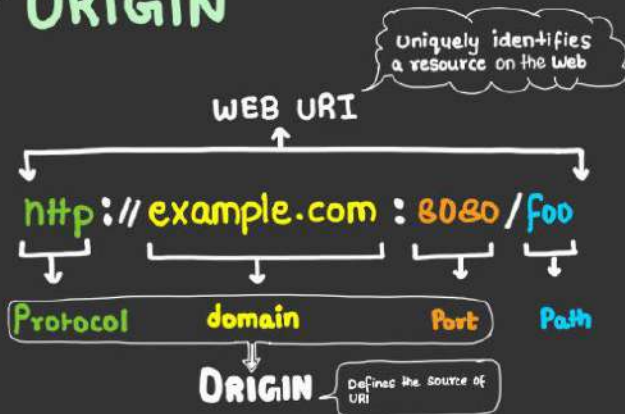


# CORS

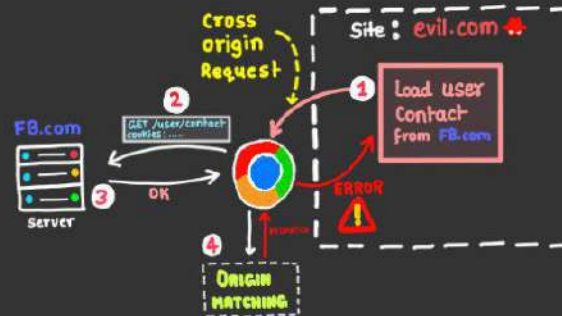
- Cross Origin
- Resource Sharing

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## 1 ORIGIN

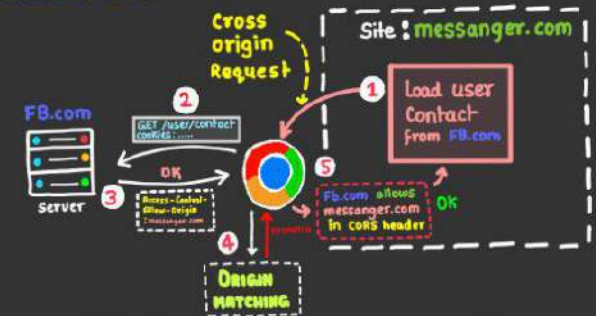


## 2 Same Origin Policy blocks Cross Origin Requests



## 3 CORS Headers

\* Headers set by server to allow cross domain interaction



## 4 Access-Control-Allow-Origin



\* Response header set by SERVER to indicate which site can access its data.

## 5 Access-Control-Allow-Credentials

If this request is initiated with cookies in it, then server need to make sure it allows credentials in request from origin



Failure for server to send this will make browser to drop the request.

## 6 Pre Flight Request

\* Request initiated by browser before making actual cross origin Request.

\* Response of this request will tell browser about cors header that a server may respond with.

### Other CORS Headers

**Access-Control-Allow-Methods**

\* which method server allow

**Access-Control-Allow-Headers**

\* which headers server allow

**Access-Control-Max-Age**

\* for how long response from preflight can be reused.