

# The problem of **Mixed-Content**

**Mixed-content** happens when:

1. an HTTPS page contains elements (fetch request, js, image, video, css ...) served with HTTP
  2. an HTTPS page transfers control to another HTTP page within the same domain
- ⦿ Authentication credentials (a.k.a cookies) will be sent over HTTP
  - ⦿ Modern browsers block (or warn about) mixed-content

# Secure cookie flag

✓ The cookie will be sent over HTTPS exclusively

➡ Prevents authentication cookie from leaking in case of mixed-content