## OPEN REDIRECTORS

## OAUTH AUTHORIZATION

- · LEAKS INFORMATION IN THE FRAGMENT
- · LEAKS INFORMATION IN THE REFERRER
- · THIS IS A GENERAL PROBLEM FOR ALL PROTOCOLS THAT USE REDIRECTS.

## MITIGATIONS

- · APPEND FRAGMENT TO ALL REDIRECTS
- · INTERNAL REDIRECT
- · APPEND CONTENT-SECURITY-POLICY HEADER
- · INCLUDE REFERRER META TAG