

# Vulnerability Assessment Report: youtube.com

SECURITY SCORE: 90/100

OVERALL RISK LEVEL: LOW

## 1. Network Scan Results (Nmap)

Port	Service	Version	Evidence
80	http		<b>http-title:</b> Did not follow redirect to https://youtube.com/... <b>fingerprint-strings:</b> GetRequest: HTTP/1.0 200 OK Date: Mon, 23...
443	https		<b>ssl-cert:</b> Subject: commonName=*.google.com Subject Alternati... <b>fingerprint-strings:</b> GetRequest: HTTP/1.0 200 OK Date: Mon, 23... <b>http-title:</b> Did not follow redirect to https://www.youtube.com...

## 2. Web Vulnerability Results (Nikto)

```
- Nikto v2.1.5
-----
+ Target IP: 142.251.220.46
+ Target Hostname: youtube.com
+ Target Port: 80
+ Start Time: 2026-02-23 16:43:26 (GMT0)
-----
+ Server: ESF
+ Uncommon header 'x-xss-protection' found, with contents: 0
+ Uncommon header 'x-frame-options' found, with contents: SAMEORIGIN
+ Uncommon header 'x-content-type-options' found, with contents: nosniff
+ Root page / redirects to: https://youtube.com/
+ No CGI Directories found (use '-C all' to force check all possible dirs)
+ Server banner has changed from 'ESF' to 'sffe' which may suggest a WAF, load balancer
or proxy is in place
+ Uncommon header 'cross-origin-resource-policy' found, with contents: cross-origin
+ Uncommon header 'content-security-policy-report-only' found, with contents:
object-src 'none';base-uri 'self';script-src 'nonce-IYHY7mjGabd4PNEY-20mag'
'strict-dynamic' 'report-sample' 'unsafe-eval' 'unsafe-inline' https: http::report-uri
https://csp.withgoogle.com/csp/gws/other-hp
+ Uncommon header 'reporting-endpoints' found, with contents: default="//www.google.com
/httpservice/retry/jserror?ei=u4Ocadm9Je6K4-EPt9nW8AI&cad;=crash&error;=Page%20Crash&js
el;=1&bver;=2383&dpf;=eggMdulADkOPNR9nN4IoGJqTb7xnj7VPAHgedvHLaLE"
+ Cookie __Secure-STRP created without the httponly flag
+ Cookie AEC created without the httponly flag
+ Cookie NID created without the httponly flag
+ Uncommon header 'content-security-policy' found, with contents: object-src
'none';base-uri 'self';script-src 'nonce-2pUYxgaeKkSGhwtPEI7jpQ' 'strict-dynamic'
'report-sample' 'unsafe-eval' 'unsafe-inline' https: http::report-uri
https://csp.withgoogle.com/csp/gws/other
+ Uncommon header 'referrer-policy' found, with contents: no-referrer
+ 26 items checked: 0 error(s) and 11 item(s) reported on remote host
```

```
+ End Time: 2026-02-23 16:43:42 (GMT0) (16 seconds)
-----
+ 1 host(s) tested

[stderr]
+ ERROR: Host maximum execution time of 600 seconds reached
```

### 3. Crawled Website Endpoints

- <https://www.youtube.com/t/terms>
- <https://www.youtube.com/new>
- <https://www.youtube.com/about/copyright/>
- [https://www.youtube.com/t/contact\\_us/](https://www.youtube.com/t/contact_us/)
- <https://www.youtube.com/about/>
- <https://www.youtube.com/about/press/>
- <https://www.youtube.com/>
- <https://www.youtube.com/ads/>
- <https://www.youtube.com/t/privacy>
- <https://www.youtube.com/about/policies/>
- [https://www.youtube.com/howyoutubeworks?utm\\_campaign=ytgen&utm\\_source=ythp&utm\\_medium=LeftNav&utm\\_content=txt&u=https%3A%2F%2Fwww.youtube.com%2Fhowyoutubeworks%3Futm\\_source%3Dythp%26utm\\_medium%3DLeftNav%26utm\\_campaign%3Dytgen](https://www.youtube.com/howyoutubeworks?utm_campaign=ytgen&utm_source=ythp&utm_medium=LeftNav&utm_content=txt&u=https%3A%2F%2Fwww.youtube.com%2Fhowyoutubeworks%3Futm_source%3Dythp%26utm_medium%3DLeftNav%26utm_campaign%3Dytgen)
- <https://www.youtube.com/creators/>

### 4. Vulnerability Intelligence (CVE Mapping)

No relevant CVEs identified.

### 5. Attack Possibilities & Mitigation

**[LOW] Attack:** Client-side Script Injection

**Mitigation:** Sanitize all user inputs and use output encoding.

**[LOW] Attack:** Session Hijacking / Cookie Theft

**Mitigation:** Set HttpOnly and Secure flags on all sensitive cookies.