

Vulnerability Assessment Report: youtube.com

1. Network Scan Results (Nmap)

Port	Service	Version	State
80	http		open
443	https		open

2. Web Vulnerability Results (Nikto)

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- Nikto v2.1.5
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+ Target IP: 142.251.42.238
+ Target Hostname: youtube.com
+ Target Port: 80
+ Start Time: 2026-01-29 12:19:21 (GMT0)
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+ Server: ESF
+ Uncommon header 'x-content-type-options' found, with contents: nosniff
+ Uncommon header 'x-xss-protection' found, with contents: 0
+ Uncommon header 'x-frame-options' found, with contents: SAMEORIGIN
+ 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-ftTHl1x0SYAisAIo60gdtw'
'strict-dynamic' 'report-sample' 'unsafe-eval' 'unsafe-inline' https: http://report-uri
https://csp.withgoogle.com/csp/gws/other-hp
+ 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-pwK3P51BqZpjnbSpQF3hAw' '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
+ /cfappman/index.cfm - Redirects (301) to https://youtube.com/cfappman/index.cfm , susceptible to ODBC/pipe-style exploit; see RFP9901
http://www.wiretrip.net/rfp/p/doc.asp/i2/d3.htm
+ /cfdocs/examples/cvbeans/beaninfo.cfm - Redirects (301) to
https://youtube.com/cfdocs/examples/cvbeans/beaninfo.cfm , susceptible to our ODBC exploit; see RFP9901 http://www.wiretrip.net/rfp/p/doc.asp/i2/d3.htm
+ /cfdocs/examples/parks/detail.cfm - Redirects (301) to
https://youtube.com/cfdocs/examples/parks/detail.cfm , susceptible to our ODBC exploit; see RFP9901 http://www.wiretrip.net/rfp/p/doc.asp/i2/d3.htm
+ /kboard/ - Redirects (301) to https://youtube.com/kboard/ , KBoard Forum 0.3.0 and prior have a security problem in forum_edit_post.php, forum_post.php and forum_reply.php
+ /lists/admin/ - Redirects (301) to https://youtube.com/lists/admin/ , PHPLIST pre 2.6.4 contains a number of vulnerabilities including remote administrative access, harvesting user info and more. Default login to admin interface is admin/phplist
+ /ssdefs/ - Redirects (301) to https://youtube.com/ssdefs/ , Siteseed pre 1.4.2 has 'major' security problems.
+ /sshome/ - Redirects (301) to https://youtube.com/sshome/ , Siteseed pre 1.4.2 has 'major' security problems.
+ /tiki/ - Redirects (301) to https://youtube.com/tiki/ , Tiki 1.7.2 and previous allowed restricted Wiki pages to be viewed via a 'URL trick'. Default login/pass could
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be admin/admin
+ /tiki/tiki-install.php - Redirects (301) to https://youtube.com/tiki/tiki-install.php
, Tiki 1.7.2 and previous allowed restricted Wiki pages to be viewed via a 'URL trick'.
Default login/pass could be admin/admin
+ /scripts/samples/details.idc - Redirects (301) to
https://youtube.com/scripts/samples/details.idc , See RFP 9901; www.wiretrip.net
+ /includes/conexion.inc - Redirects (301) to https://youtube.com/includes/conexion.inc
, Database connection file found.
+ /.svn/entries - Redirects (301) to https://youtube.com/.svn/entries , Subversion
Entries file may contain directory listing information.
+ /.svn/wc.db - Redirects (301) to https://youtube.com/.svn/wc.db , Subversion SQLite
DB file may contain directory listing information.
+ /.git/index - Redirects (301) to https://youtube.com/.git/index , Git Index file may
contain directory listing information.
+ /.hg/dirstate - Redirects (301) to https://youtube.com/.hg/dirstate , Mercurial
DirState file may contain directory listing information.
+ 26 items checked: 0 error(s) and 10 item(s) reported on remote host
+ End Time: 2026-01-29 12:19:36 (GMT0) (15 seconds)
-----
+ 1 host(s) tested

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3. Crawled Website Endpoints

4. Vulnerability Intelligence (CVE Mapping)

Vulnerability: XSS

- CVE-2002-1315: Cross-site scripting (XSS) vulnerability in the Admin Server for iPlanet WebServer 4.x, up to SP11, allows remote attackers to execute web script or HTML as the iPlanet administrator by injecting the desired script into error logs, and possibly escalating privileges by using the XSS vulnerability in conjunction with another issue (CVE-2002-1316).
- CVE-2002-1316: importInfo in the Admin Server for iPlanet WebServer 4.x, up to SP11, allows the web administrator to execute arbitrary commands via shell metacharacters in the dir parameter, and possibly allows remote attackers to exploit this vulnerability via a separate XSS issue (CVE-2002-1315).
- CVE-2003-0292: Cross-site scripting (XSS) vulnerability in Inktomi Traffic-Server 5.5.1 allows remote attackers to insert arbitrary web script or HTML into an error page that appears to come from the domain that the client is visiting, aka "Man-in-the-Middle" XSS.

Vulnerability: Insecure Cookie

- CVE-2000-0970: IIS 4.0 and 5.0 .ASP pages send the same Session ID cookie for secure and insecure web sessions, which could allow remote attackers to hijack the secure web session of the user if that user moves to an insecure session, aka the "Session ID Cookie Marking" vulnerability.
- CVE-2002-1672: Webmin 0.92, when installed from an RPM, creates /var/webmin with insecure permissions (world readable), which could allow local users to read the root user's cookie-based authentication credentials and possibly hijack the root user's session using the credentials.
- CVE-2004-0869: Internet Explorer does not prevent cookies that are sent over an insecure channel (HTTP) from also being sent over a secure channel (HTTPS/SSL) in the same domain, which could allow remote attackers to steal cookies and conduct unauthorized activities, aka "Cross Security Boundary Cookie Injection."

Vulnerability: Missing Security Headers

- CVE-2003-1016: Multiple content security gateway and antivirus products allow remote attackers to bypass content restrictions via MIME messages that use malformed quoting in MIME headers, parameters, and values, including (1) fields that should not be quoted, (2) duplicate quotes, or (3) missing leading or trailing quote characters, which may be interpreted differently by mail clients.

- CVE-2010-3541: Unspecified vulnerability in the Networking component in Oracle Java SE and Java for Business 6 Update 21, 5.0 Update 25, 1.4.2_27, and 1.3.1_28 allows remote attackers to affect confidentiality, integrity, and availability via unknown vectors. NOTE: the previous information was obtained from the October 2010 CPU. Oracle has not commented on claims from a reliable downstream vendor that this is related to missing validation of request headers in the HttpURLConnection class when they are set by applets, which allows remote attackers to bypass the intended security policy.
- CVE-2010-3573: Unspecified vulnerability in the Networking component in Oracle Java SE and Java for Business 6 Update 21 and 5.0 Update 25 allows remote attackers to affect confidentiality, integrity, and availability via unknown vectors. NOTE: the previous information was obtained from the October 2010 CPU. Oracle has not commented on claims from a reliable downstream vendor that this is related to missing validation of request headers in the HttpURLConnection class when they are set by applets, which allows remote attackers to bypass the intended security policy.

5. Attack Possibilities & Mitigation

XSS

Attack: Cross-Site Scripting (XSS), session hijacking

Mitigation: Input validation, output encoding, Content Security Policy

Insecure Cookie

Attack: Session hijacking

Mitigation: Enable HttpOnly and Secure cookie flags

Missing Security Headers

Attack: Clickjacking, XSS

Mitigation: Configure security headers (CSP, X-Frame-Options)