

Website Vulnerability Scanner Report

✓ <https://www.spacex.com/vehicles/starship/>

! The Light Website Scanner didn't check for critical issues like SQLi, XSS, Command Injection, XXE, etc. [Upgrade to run Deep scans](#) with 40+ tests and detect more vulnerabilities.

Summary

Overall risk level:

Low

Risk ratings:

High: 0
Medium: 0
Low: 4
Info: 15

Scan information:

Start time: Jun 14, 2024 / 23:46:41
Finish time: Jun 14, 2024 / 23:47:05
Scan duration: 24 sec
Tests performed: 19/19
Scan status: **Finished**

Findings

Missing security header: X-Content-Type-Options

CONFIRMED

URL	Evidence
https://www.spacex.com/vehicles/starship/	Response headers do not include the X-Content-Type-Options HTTP security header Request / Response

Details

Risk description:

The risk is that lack of this header could make possible attacks such as Cross-Site Scripting or phishing in Internet Explorer browsers.

Recommendation:

We recommend setting the X-Content-Type-Options header such as `X-Content-Type-Options: nosniff`.

References:

<https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/X-Content-Type-Options>

Classification:

CWE : [CWE-693](#)
OWASP Top 10 - 2013 : [A5 - Security Misconfiguration](#)
OWASP Top 10 - 2017 : [A6 - Security Misconfiguration](#)
OWASP Top 10 - 2021 : [A5 - Security Misconfiguration](#)

Missing security header: Content-Security-Policy

CONFIRMED

URL	Evidence
https://www.spacex.com/vehicles/starship/	Response does not include the HTTP Content-Security-Policy security header or meta tag Request / Response

Details

Risk description:

The risk is that if the target application is vulnerable to XSS, lack of this header makes it easily exploitable by attackers.

Recommendation:

Configure the Content-Security-Header to be sent with each HTTP response in order to apply the specific policies needed by the application.

References:

https://cheatsheetseries.owasp.org/cheatsheets/Content_Security_Policy_Cheat_Sheet.html
<https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Security-Policy>

Classification:

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OWASP Top 10 - 2021 : [A5 - Security Misconfiguration](#)

Missing security header: Referrer-Policy

CONFIRMED

URL	Evidence
https://www.spacex.com/vehicles/starship/	Response headers do not include the Referrer-Policy HTTP security header as well as the <meta> tag with name 'referrer' is not present in the response. Request / Response

Details**Risk description:**

The risk is that if a user visits a web page (e.g. "http://example.com/pricing/") and clicks on a link from that page going to e.g. "https://www.google.com", the browser will send to Google the full originating URL in the **Referer** header, assuming the Referrer-Policy header is not set. The originating URL could be considered sensitive information and it could be used for user tracking.

Recommendation:

The Referrer-Policy header should be configured on the server side to avoid user tracking and inadvertent information leakage. The value **no-referrer** of this header instructs the browser to omit the Referer header entirely.

References:






https://developer.mozilla.org/en-US/docs/Web/Security/Referer_header:_privacy_and_security_concerns

Classification:

CWE : [CWE-693](#)
OWASP Top 10 - 2013 : [A5 - Security Misconfiguration](#)
OWASP Top 10 - 2017 : [A6 - Security Misconfiguration](#)
OWASP Top 10 - 2021 : [A5 - Security Misconfiguration](#)

Server software and technology found

UNCONFIRMED ⓘ

Software / Version	Category
 Azure	PaaS
 Azure Front Door	Load balancers
 Open Graph	Miscellaneous
 DigiCert	SSL/TLS certificate authorities
 HSTS	Security

Details**Risk description:**

The risk is that an attacker could use this information to mount specific attacks against the identified software type and version.

Recommendation:

We recommend you to eliminate the information which permits the identification of software platform, technology, server and operating system: HTTP server headers, HTML meta information, etc.

References:

https://owasp.org/www-project-web-security-testing-guide/stable/4-Web_Application_Security_Testing/01-Information_Gathering/02-Fingerprint_Web_Server.html

Classification:

OWASP Top 10 - 2013 : [A5 - Security Misconfiguration](#)
OWASP Top 10 - 2017 : [A6 - Security Misconfiguration](#)
OWASP Top 10 - 2021 : [A5 - Security Misconfiguration](#)

🚩 Website is accessible.

🚩 Nothing was found for vulnerabilities of server-side software.

🚩 Nothing was found for client access policies.

🚩 Nothing was found for robots.txt file.

🚩 Nothing was found for absence of the security.txt file.

🚩 Nothing was found for use of untrusted certificates.

🚩 Nothing was found for enabled HTTP debug methods.

🚩 Nothing was found for enabled HTTP OPTIONS method.

🚩 Nothing was found for secure communication.

🚩 Nothing was found for directory listing.

🚩 Nothing was found for missing HTTP header - Strict-Transport-Security.

🚩 Nothing was found for domain too loose set for cookies.

🚩 Nothing was found for HttpOnly flag of cookie.

🚩 Nothing was found for Secure flag of cookie.

🚩 Nothing was found for unsafe HTTP header Content Security Policy.

Scan coverage information

List of tests performed (19/19)

- ✓ Starting the scan...
- ✓ Checking for missing HTTP header - X-Content-Type-Options...
- ✓ Checking for missing HTTP header - Content Security Policy...
- ✓ Checking for missing HTTP header - Referrer...
- ✓ Checking for website technologies...
- ✓ Checking for vulnerabilities of server-side software...
- ✓ Checking for client access policies...
- ✓ Checking for robots.txt file...
- ✓ Checking for absence of the security.txt file...
- ✓ Checking for use of untrusted certificates...

- ✓ Checking for enabled HTTP debug methods...
- ✓ Checking for enabled HTTP OPTIONS method...
- ✓ Checking for secure communication...
- ✓ Checking for directory listing...
- ✓ Checking for missing HTTP header - Strict-Transport-Security...
- ✓ Checking for domain too loose set for cookies...
- ✓ Checking for HttpOnly flag of cookie...
- ✓ Checking for Secure flag of cookie...
- ✓ Checking for unsafe HTTP header Content Security Policy...

Scan parameters

Target: https://www.spacex.com/vehicles/starship/
Scan type: Light
Authentication: False

Scan stats

Unique Injection Points Detected: 2
URLs spidered: 5
Total number of HTTP requests: 14
Average time until a response was received: 404ms
