

# CyberShield Professional Security Analysis

Overall Risk Assessment:	Medium
Assessment Date:	2025-11-09 10:20:36

## Technical Assessment Details

Scan ID:	4
URL Analyzed:	https://www.canva.com
HTTP Response Code:	403
Scan Completion Time:	2025-11-09 10:20:36

## HTTP Response Headers Analysis

The following HTTP headers were detected in the server response. Security headers are highlighted.

Header Name	Value
Date	Sun, 09 Nov 2025 10:20:36 GMT
Content-Type	text/html; charset=UTF-8
Transfer-Encoding	chunked
Connection	close
accept-ch	Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile
cf-mitigated	challenge
critical-ch	Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile
cross-origin-embedder-policy	require-corp
cross-origin-opener-policy	same-origin
cross-origin-resource-policy	same-origin
origin-agent-cluster	?1
<b>permissions-policy</b>	accelerometer=(),browsing-topics=(),camera=(),clipboard-read=(),clipboard-wri...

<b>referrer-policy</b>	same-origin
server-timing	chlray;desc="99bc94174f8fe238", cfOrigin;dur=0,cfEdge;dur=10
<b>x-content-type-options</b>	nosniff
<b>x-frame-options</b>	SAMEORIGIN
Cache-Control	private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-ch...
Expires	Thu, 01 Jan 1970 00:00:01 GMT
Set-Cookie	__cf_bm=WOdL5r99xZ6X2V0N_0Y2GclCq54g82IKdP5x1da4.fA-1762683636-1.0.1.
Report-To	{"endpoints":[{"url":"https://a.nel.cloudflare.com/report/v4?s=94zxzfpr63...
NEL	{"success_fraction":0.01,"report_to":"cf-nel","max_age":604800}
Vary	Accept-Encoding
<b>Strict-Transport-Security</b>	max-age=31536000; includeSubDomains; preload
<b>Server</b>	cloudflare
CF-RAY	99bc94174f8fe238-MRS
Content-Encoding	br

## Security Headers Analysis

- **Missing Content-Security-Policy:** Implement CSP to prevent XSS attacks.
- ✓ X-Frame-Options: SAMEORIGIN
- ✓ X-Content-Type-Options: nosniff
- ✓ Strict-Transport-Security header is present.
- **Missing X-XSS-Protection:** Consider adding this header for additional XSS protection.
- **Server Information Disclosure:** Server header reveals 'cloudflare'. Consider hiding server information.

## Expert Remediation Recommendations

- Client errors detected. Ensure proper error handling and user input validation.
- Implement a Content Security Policy (CSP) to mitigate XSS attacks. Start with a restrictive policy and adjust as needed.
- Regularly update all software components, frameworks, and dependencies to patch known vulnerabilities.
- Implement a Web Application Firewall (WAF) to provide an additional layer of protection.
- Conduct regular security audits and penetration testing to identify and remediate vulnerabilities.
- Ensure all sensitive data is encrypted in transit (HTTPS) and at rest.
- Implement proper access controls and authentication mechanisms.
- Set up security monitoring and logging to detect and respond to security incidents.

## HTTP Status Code Analysis

Status Code 403: Forbidden. Access is denied. Review access control policies.

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