

# CyberShield Professional Security Analysis

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

## Technical Assessment Details

|                       |   |
|-----------------------|---|
| Scan ID:              | 4   |
| URL Analyzed:         | <a href="https://www.canva.com">https://www.canva.com</a> |
| 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.cloudflare.com/report/v4?s=94zxzfr63..."}]     |
| 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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