



Project No: ES/EMBI/141501

10th April 2019

Web Application Security Audit

Application Name : Website of High Commission of India, Ottawa, Canada
Organization Name : High Commission of India, Ottawa
: 10, Springfield Road
: Ontario, Canada K1M 1C9
Production URL : https://www.hciottawa.gov.in
Temporary URL : https://49.50.102.192/ottawa_testing/
Audit Performed by : STQC IT Services, Kolkata
Testing Date : 7th September 2018 to 19th September 2018 (Stage-I)
: 5th October 2018 to 8th October 2018 (Stage-II)
: 6th March 2019 (Final Verification)

Table 1: OWASP Top 10 Vulnerabilities (2017)

Sl. No	Web Application Vulnerabilities	Observation	Remarks
A1	Injection	No issues	--
A2	Broken Authentication	No issues	--
A3	Sensitive Data Exposure	No issues	--
A4	XML External Entities	No issues	--
A5	Broken Access Control	No issues	--
A6	Security Misconfiguration	No issues	--
A7	Cross-Site Scripting	No issues	--
A8	Insecure Deserialization	No issues	--
A9	Using Components with Known Vulnerabilities	No issues	--
A10	Insufficient Logging and Monitoring	No issues	--

Recommendation:

1. The web application may be hosted at http://www.hciottawa.gov.in, with ReadOnly permission.
2. Hardening / proper secured configuration of the Web Server and Operating System need to be done in the production environment where the application will be hosted. Vulnerability assessment of the critical servers and perimeter devices should be conducted at regular intervals.

Conclusion:

The Web Application is free from OWASP-Top 10 (2017) vulnerabilities and is safe for hosting.

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