

Project No. ES/EMBI/192006

4<sup>th</sup> February 2021

## Web Application Security Audit

**Application Name** : Website of High Commission of India, Dhaka

**Customer's Address** : High Commission of India, Dhaka  
: Plot No. 1-3, Park Road, Dhaka 1212, Bangladesh

**Site URL** : <https://www.hcidhaka.gov.in>

**Temporary URL** : [https://13.126.16.102/Dhaka\\_sqtc](https://13.126.16.102/Dhaka_sqtc) (Assessment)  
<https://www.hcidhaka.gov.in/eventmanagement> (Closure verification)

**Audit Performed by** : STQC IT Services, Kolkata

**Testing Date** : 1<sup>st</sup> May 2019 to 8<sup>th</sup> May 2019 (Assessment)  
22<sup>nd</sup> June 2020 to 24<sup>th</sup> June 2020 and 19<sup>th</sup> August 2020 and 21<sup>st</sup> January 2021 to 28<sup>th</sup> January 2021 (Closure verification)

### OWASP Top 10 (2017) Vulnerabilities

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 website may be hosted at <https://www.hcidhaka.gov.in>, with Read Only 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 done at regular intervals.
3. Source code of the website may be audited in Phase-II.

### Conclusion:

The Web Application is free from OWASP-Top 10 (2017) vulnerabilities and is safe for hosting, if configured as recommended.

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