## भारत सरकार इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय एस टी क्यू सी निदेशालय इलेक्ट्रॉनिकी क्षेत्रीय परीक्षण प्रयोगशाला (पूर्व)

# सन्यमेव जयते

# Government of India Ministry of Electronics & Information Technology STQC Directorate

#### **ELECTRONICS REGIONAL TEST LABORATORY (EAST)**

Kolkata

कोलकाता

Project No. ES/ EMBI/192001

17th October 2019

### Web Application Security Audit

Application Name

: Website of Consulate General of India, Ho Chi Minh City

Customer's Address

: Consulate General of India, Ho Chi Minh City

: Villa no. 14, Orchid, An Phu Superior Villa Compound

: Thao Dien, Ho Chi Minh City, Vietnam

Site URL

: https://www.cgihcmc.gov.in

Temporary URL

: https://www.cgihcmc.gov.in

Audit Performed by

: STQC IT Services, Kolkata

**Testing Date** 

: 20<sup>th</sup> May 2019 to 27<sup>th</sup> May 2019 (Stage-I) : 12<sup>th</sup> June 2019 to 14<sup>th</sup> June 2019 (Stage-II)

OWASP Top 10 (2017) Vulnerabilities

SI. No	Web Application Vulnerabilities	Observation	Remarks
A1	Injection	No issues	
A2	Broken Authentication	No issues	
A3	Sensitive Data Exposure	No issues	
Α4	XML External Entities	No issues	
A5	Broken Access Control	No issues	
A6	Security Misconfiguration	No issues	
Α7	Cross-Site Scripting	No issues	
A8	Insecure Deserialization	No issues	
Α9	Using Components with Known Vulnerabilities	No issues	
A1 0	Insufficient Logging and Monitoring	No issues	ж.

#### Recommendation:

- 1. The website may be hosted at https://www.cgihcmc.gov.in,with Read Only permission.
- Hardening / proper secured configuration of the Web Server, including
  implementation of HTTP security headers, disabling unnecessary HTTP methods,
  denying directory browsing etc. 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.

#### 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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