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

Government of India
Ministry of Electronics & Information Technology
STQC Directorate
ELECTRONICS REGIONAL TEST LABORATORY (EAST)
Kolkata

Project No. ES/EMBI/202101   6th August 2020

Web Application Security Audit

Application Name : Website of Consulate General of India, Shanghai

Customer's Address : Consulate General of India
: 10th Floor, 1008, Shanghai International Trade Centre
: 2201, Yan An (West) Road
: Shanghai-200 336, People's Republic of China

Site URL : https://www.cgishanghai.gov.in

Temporary URL : https://www.cgishanghai.gov.in/shanghai_stqc/

Audit Performed by : STQC IT Services, Kolkata

Testing Date : 7th May 2020 to 11th May 2020 (Stage-I)
9th June 2020 to 12th June 2020 and 22nd July 2020 to 27th July 2020 (Stage-II)

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.cgishanghai.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.

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

06/8/2020
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Scientist 'E'

6/8/2020
Approved By: **Subhendu Das**
Scientist 'G' & Head, eSecurity Testing

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