



Project No. ES/EMBI/192008

18th September 2020

Web Application Security Audit

Application Name : Website of Embassy of India, Bucharest

Customer's Address : Embassy of India, Bucharest
: 46, Boulevard Aviatorilor, Sector-1
: 011864 BUCHAREST, Romania
: PIN - 011864

Site URL : <https://www.eoibucharest.gov.in>

Temporary URL : <https://www.eoibucharest.gov.in>

Audit Performed by : STQC IT Services, Kolkata

Testing Date : 30th September 2019 to 10th January 2020 (Stage-I)
: 9th September 2020 to 10th September 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.eoibucharest.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.

Audited By: *Arpita Datta*
Scientist 'E'

Approved By: *Subhendu Das*
Scientist 'G' & Head, eSecurity Testing

