



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

Government of India
Ministry of Communications & IT
Department of Electronics & Information Technology
STQC Directorate
ELECTRONICS REGIONAL TEST LABORATORY (EAST)
Kolkata
2nd February 2016

Web Application Security Audit

Application Name : Online Consumer Grievance Lodging and Redressal System
Organization Name : Consumer Affairs Department, Govt. of West Bengal
: 3rd Floor, Kreta Suraksha Bhawan, 11A, Mirza Ghalib Street
: Kolkata - 700087
Production URL : <https://wbconsumers.gov.in>
Temporary URL : <http://wbconsumers.nic.in>
Audit Performed by : STQC IT Services, Kolkata
Testing Date : 8th July 2016 to 20th July 2016 (Cycle-1)
: 22nd October 2016 to 25th October 2016 (Cycle-2)
: 2nd December 2016 (Final verification)
Observation :

Sl. No	Web Application Vulnerabilities	Observation	Remarks
A1	Injection	No issues	--
A2	Broken Authentication and Session Management	No issues	--
A3	Cross-site Scripting	No issues	--
A4	Insecure Direct Object Reference	No issues	--
A5	Security Misconfiguration	No issues	--
A6	Sensitive Data Exposure	No issues	--
A7	Missing Function Level Access Control	No issues	--
A8	Cross-site Request Forgery	No issues	--
A9	Using Components with Known Vulnerabilities	No issues	--
A10	Unvalidated Redirects and Forwards	No issues	--

Recommendation:

1. The web application may be hosted at <https://wbconsumers.gov.in>, with Read and Script Execute permission.
2. Read and Write Permissions may be given for “/writereaddata/album”, “/writereaddata/grievance_file”, “/writereaddata/judgement_entry”, “/writereaddata/News”, “/writereaddata/MF”, “/writereaddata/whats_new”, “writereaddata/RRN”, “writereaddata/stat_data”, “writereaddata/tender_entry” folders.
3. 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.

Conclusion:

The Web Application is free from OWASP-Top 10 2013 vulnerabilities and is safe for hosting.

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Scientist 'E'

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Scientist 'F' & Head, e-Security



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