



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

15th April 2016

Web Application Security Audit

Application Name : West Bengal Health Scheme Monitoring System
: Finance Department, Government of West Bengal

Organization Name : Medical Cell, Finance Department
: Ground Floor, Block G, Writers' Building, Kolkata - 700 001

Site URL : <https://wbhealthscheme.gov.in>

Temporary URL : http://wbdemo22.nic.in/first_page.aspx

Audit Performed by : STQC IT Services, Kolkata

Testing Date : 29th January 2015 to 13th April 2016

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://wbhealthscheme.gov.in>, with privileges of Read and Script Execute 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.

Conclusion:

The Web Application is free from OWASP-Top 10 (2013) and any other known vulnerabilities and is safe for hosting.

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Scientist 'E'

Approved By: S.Das
Scientist 'F' & Head, e-Security



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