

Project No: ES/CIHN/192001

26th March 2021

Web Application Security Audit

Application Name : Website of Central Institute of Horticulture, Dimapur
Organization Name : Central Institute of Horticulture
Dept. of Agriculture, Cooperation & Farmers Welfare
Ministry of Agriculture & Farmers Welfare, Govt. of India
Medziphema, Dimapur - 797106, Nagaland

Production URL : <https://www.cihner.gov.in>

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

Audit Performed by : STQC IT Services, Kolkata

Testing Date : 9th March 2020 to 11th March 2020 (Period of Assessment)
23rd February 2021 and 26th March 2021 (Closure Verification)

Table 1: OWASP Top 10 Vulnerabilities (2017)

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 & Monitoring	No issues	--

Recommendation:

1. The web application may be hosted at <https://www.cihner.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 conducted 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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