

Security Clearance Certificate for “Duare Sarkar Portal, GoWB” Application

Site Name: Duare Sarkar Portal

Hosting URL: <https://ds.wb.gov.in>

Temporary URLs: <http://demodws.nic.in/>

Audit Performed By: Anindita Ghosal

Issuing Date: 1st October 2020

Testing Dates: 4th September 2020 to 30th September 2020

Conclusion: All the reported vulnerabilities (according to OWASP) are cleared and safe for hosting with 03 accepted risk: Server Fingerprinting, Insecure Cookie Attribute, Weak Hashing Algorithm which will be incorporated during production deployment.

Recommendation:

1. Site’s ‘**dws**’ folder must be hosted with the ‘**Read**’ and ‘**ScriptOnly**’ permissions.
2. The application’s ‘**dws**’ folder is to be deployed over SSL.
3. Web server and OS level hardening need to be in place for the production server.
4. The application should connect with the database using a low privileged database user having minimum required database privileges.
5. The uploaded files are stored in the filesystem. ‘**Read**’ and ‘**Write**’ permissions should be granted to ‘**writereaddata**’ where files are stored. ‘**Execute**’ Permission should not be granted to this folder.
6. Directory browsing should be disabled.
7. Default and sample applications should be removed from the web server.
8. Credentials used during testing should be mandatorily changed in production environment.
9. The application should be upgraded to latest stable version of IIS during production deployment.

Note: As per the audit policy of NIC it is essential to refer the website for re-audit on addition of any new dynamic content.

Our opinion is valid for the period during which the assessment was carried out and is based on the information and the website contents provided for final level audit. Projection of any conclusions based on our findings for future periods and application versions is subject to the risk that the validity of such conclusions may be altered because of changes made to the application or system or the failure to make the changes to the system when required.




Place: Bhubaneswar

Date: 1st October 2020

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