Security Clearance Certificate for "CENTRAL CONTROL AND MONITORING SYSTEM" APIs

Site Name:	CENTRAL CONTROL AND MONITORING SYSTEM APIs
Hosting URL:	https://ccms.eeslindia.org/
Temporary URL:	http://tserver2.eeslindia.org:8080/api/ccmsmaster/push_ccms
	http://tserver3.eeslindia.org:8080/api/ccmsraw/push_ccmsraw
Audit Performed by:	Sidharth Mohanty and A. Vishnu Vardhan
Issuing Date:	03rd November 2021
Testing Dates:	08th May 2021 to 03rd November 2021

Conclusion: All the reported vulnerabilities (according to OWASP) are cleared and safe for hosting.

Recommendation:

1. Site's **'ccms.eeslindia.org'** folder must be hosted with the '**Read'** and **'ScriptOnly'** permissions.

2. The application's **'ccms.eeslindia.org'** 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. Directory browsing should be disabled.

6. Default and sample applications should be removed from the web server.

7. Credentials used during testing should be mandatorily changed in production environment.

8. The application should be upgraded to latest stable version of IIS and ASP.NET during production deployment.

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.

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.

Place: Bangalore
Date: 03rd November 2021