CyberSecurityWorks Pvt. Ltd

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Security Certificate

(Unique Ref No: CSW- SC- 03 - 072018)

Audit Performed by: Cyber Security Works Pvt. Ltd.

Application Description/Name: National Assessment and Accreditation Council (NAAC Portal) Web Application

Staging URL on which the audit has been performed: http://naacnew.keltron.in/

Production URL of the web application: http://naac.gov.in/

Audit Performed by:

a) Name	: Maheswari
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c) Telephone	: +91-44-42089337
Level - 01 Assessment date	:23-05-2018 – 01-06-2018
Level - 02 Assessment date	:10-06-2018 – 11-06-2018
Level -03 Final Assessment	:24-07-2018 – 25-07-2018
Issue Date	:26-07-2018
Unique Reference No.	**: CSW- SC- 03 – 072018**

National Assessment and Accreditation Council (NAAC Portal) Web Application, auditing is completed on a staging server with URL http://naacnew.keltron.in/ from CSW Office. During the initial assessment of the web application following vulnerabilities were discovered and all the vulnerabilities are fixed except one server sides issues (* marked). This vulnerability should be fixed on the production server before going live:

1. SQL Injection
2. Security Misconfiguration
3. Sensitive Data Exposure
4. Improper Error Handling
5. Vulnerable Jquery Version Found
6. Password Type Field Autocomplete Enabled
7. **Response Headers***
8. X-Frame Options Response Header Missing
9. Internal IP Disclosure

*** Should be fixed on the production server before going live.**

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CONCLUSION:

Auditing for National Assessment and Accreditation Council (NAAC Portal) Web Application was done from **May 23, 2018 – June 1, 2018** in the staging server URL http://naacnew.keltron.in/ by Cyber Security Works Pvt. Ltd. The follow-up audits were done on **June 10, 2018 – June 11, 2018** and **July 24, 2018 – July 25, 2018.**There is no pending nonconformity w.r.t OWASP Top 10, 2017 as on **July 25, 2018** except one server side (*) issue as mentioned above. This should be fixed before going live.

National Assessment and Accreditation Council (NAAC Portal) Web Application (http://naacnew.keltron.in/) meets all the aspects of Open Web Application Security Project (OWASP) except one server side (*) issue as mentioned above. National Assessment and Accreditation Council (NAAC Portal) Web Application in a secure operating environment will create an overall system that is resilient to known patterns of attack.

It is therefore our opinion that a typical user would require a sophisticated level of security attack skill to breach such a system. In this capacity, we are pleased to provide a positive rating on the security posture of National Assessment and Accreditation Council (NAAC Portal) Web Application provided one pending issue is fixed.

The web application is free from all vulnerabilities and can be hosted only after one pending issue is fixed and the below provided recommendations are implemented.

*** The server sides issue which is pending should be fixed on the production server before going live.**

Recommendation:

a) The entire application may be hosted with read permissions only.

b) Response Headers vulnerabilities should be fixed on the production server before going live.

c) The database user mentioned in the connection string should be with low level privilege and it should be in encrypted format.

d) SSL should be enabled on production server, Httponly and secure flags should be enabled on all session ids and cookies.

e) Web server/framework and OS level hardening must be completed on the production servers.

f) This certificate is valid till no modification in National Assessment and Accreditation Council (NAAC Portal) Web Application is done or one year from the date of issue whichever is earlier.

Ravi Pandey

(Lead- Technical)

For Cyber Security Works Pvt. Ltd.

CYBER SECURITY WORKS PVT. LTD. CHENNAI 600 006

Date: 26-07-2018

Place: Chennai