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NWIT 246

Assess and Rate vulnerabilities discovered in a vulnerability scan

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| **Vulnerability** | **CVE ID** | **Describe Vulnerability** | **Vulnerability Countermeasure** |
| XSS | **2025-30623** | Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting') vulnerability in Rachel Cherry wA11y – The Web Accessibility Toolbox allows Stored XSS | Use a vetted library or framework that does not allow this weakness to occur or provides constructs that make this weakness easier to avoid |
| Open Redirection | **2025-28896** | URL Redirection to Untrusted Site ('Open Redirect') vulnerability in Akshar Soft Solutions AS English Admin allows Phishing | Assume all input is malicious. Use an "accept known good" input validation strategy, i.e., use a list of acceptable inputs that strictly conform to specifications. Reject any input that does not strictly conform to specifications or transform it into something that does. |
| Weak Hard-coded Credentials | **2025-26410** | The user password can be easily recovered via password cracking attempts. The recovered credentials can be used to log into the device via the login shell that is exposed by the serial interface | For outbound authentication: store passwords, keys, and other credentials outside of the code in a strongly protected, encrypted configuration file or database that is protected from access by all outsiders, including other local users on the same system. |

I used Nessus to conduct vulnerability on my machine. Nessus was able to give me the solution to my vulnerabilities as well.

A screenshot of a computer

AI-generated content may be incorrect.

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