

Security Testing for Web-based Applications

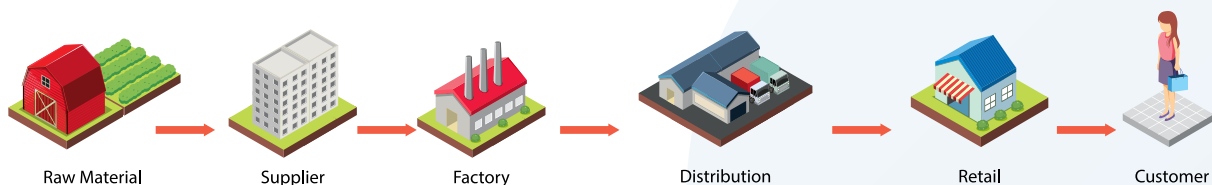
Verifying security related
issues in the web
application



OVERVIEW

Our client is a supply chain and logistics leader, delivering service excellence, solutions, and technology that removes customer complexity and creates long-lasting relationships.

Our client is agile and responsive to develop solutions for shipping, Import/Export management, and supply chain management platform that create sustainable value for the customers.



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CHALLENGES

- Manage proper access control to prevent cross-organizational data access
- Create a secure supply chain management platform
- Protect critical data and prevent the data from being breached
- Preventing the overall environment from being altered by malicious users

SOLUTION

- **Exhaustive testing** to ensure that the access control is in place.
- **Comprehensive manual testing of the application** to ensure that all aspects of the application are thoroughly tested and eliminate any false positives from the scan reports.
- **Automated scans to ensure that the security measures** like cookie attributes and headers are in place.
- **OWASP categories were covered to ensure** that the system is safe and immune to attacks.
- **Audit report post-testing**

RESULTS

Techniques

- Vulnerability scanning
- Penetration Testing
- Fuzz Testing
- Access Control Testing
- Authentication and Authorization Testing
- Session Management Testing

Tools

- Burpsuite
- Sqlmap
- Dirsearch
- Assetfinder

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