

CONSISTENT SYSTEM BRACES UP A GLOBAL IT SERVICES COMPANY TO STAY AHEAD OF CYBER ATTACKS

Web App, API, Network VAPT & CERT-In Compliance Test | Case Study



ABOUT THE CLIENT

The Client is a global information technology consulting and cloud services company that delivers result-oriented and cost-effective cloud services and business IT solutions to help companies across various industries maximize their revenue and growth.

BUSINESS REQUIREMENT

The client sought a thorough Vulnerability Assessment and Penetration Testing (VAPT) for their web application, associated APIs & the network infra, along with a requirement of CERT-In certification for the same.

AUTOMATED TESTING UTILITIES

- ✓ BurpSuite Pro
- ✓ Metasploit
- ✓ Nessus
- ✓ Wireshark
- ✓ Nmap
- ✓ Postman



50% Faster Results



40% Lesser Costs

Full coverage on OWASP Top 10, SANS 25 & NIST

PROCEDURE FOLLOWED



Implemented a Dynamic Application Security Testing (DAST) procedure & fulfilled compliance requirements for CERT-In Certification



Assigned weights to all the security gaps based on their severity and business impact



Recommended an effective remediation plan for an enhanced application security

OBSERVATIONS

- Identified vulnerabilities like unauthorized access to sensitive data through privilege escalations, IDOR, insecure file downloads, and excessive data exposure in API responses.
- Flaws such as broken access control and broken authentication were identified, owing to the usage of vulnerable and outdated components.
- Observed improper API management, leading to multiple API vulnerabilities.

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