



SECURITY AND PEN TESTING

Overview

McKesson Corporation is an American company distributing pharmaceuticals and providing health information technology, medical supplies, and care management tools and products.

Business Need

- ✔ Noticeable decline in product, web application and network vulnerabilities
- ✔ Centralized vulnerability management practices established
- ✔ Secured finished product.
- ✔ Analyze System Dependency attacks and Business Model attacks
- ✔ Corrupt or missing files, third-party components, etc.
- ✔ Input Attacks and Design attacks

Client Situation

- ✔ Structured vulnerability management portal or process
- ✔ Regular tracking of vulnerability and remediation status
- ✔ Dynamic testing plan for regular release
- ✔ Unprotected internal APIs, alternate code paths around security checks
- ✔ Timely execution of vulnerability remediation as per deadlines



Recommended Solution

- ✔ Penetration tests to determine web application and network vulnerabilities.
- ✔ Code Review to detect, validate and remediate vulnerabilities directly with development team
- ✔ Defined risk rating
- ✔ Centralized dashboard to manage vulnerabilities and central task force team for entire activity management
- ✔ Periodic and regular reports
- ✔ SQL injections, buffer overruns, etc.



Results

- ✔ Faulty process validation
- ✔ SQL Injections, buffer overruns
- ✔ Detect and arrange threats
- ✔ Meet monitoring necessities and evade penalties though Pen testing
- ✔ Knew Authentication attacks
- ✔ Automatic Scanning



Technologies

• Nmap • Wireshark • ZAP • Wapiti • W3af • Aircrack



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