WhiteHat SECURITY

WHITEHAT SENTINEL SOURCE:

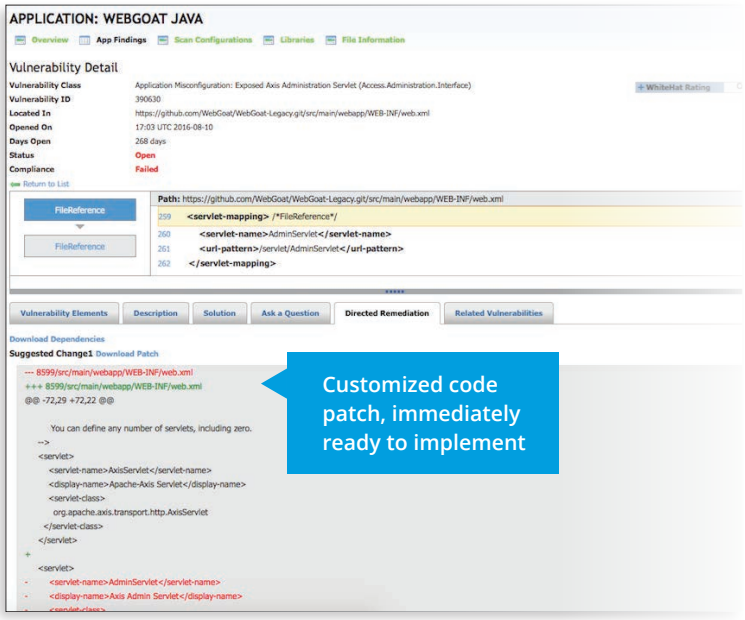
Directed Remediation

Targeted Remediation Fixes for Application Vulnerabilities

The software developer's role has become multifaceted, with increasing responsibilities, yet shorter timelines. Today's developers are expected to innovate and be responsive to the changing business needs all while keeping application security, scalability and performance in mind. As a result, speed of development and security end up in conflict, with security often de-prioritized. Research shows that it takes roughly 85 days to remediate only an average of 52% of all vulnerabilities detected. In today's security climate, that is not enough.

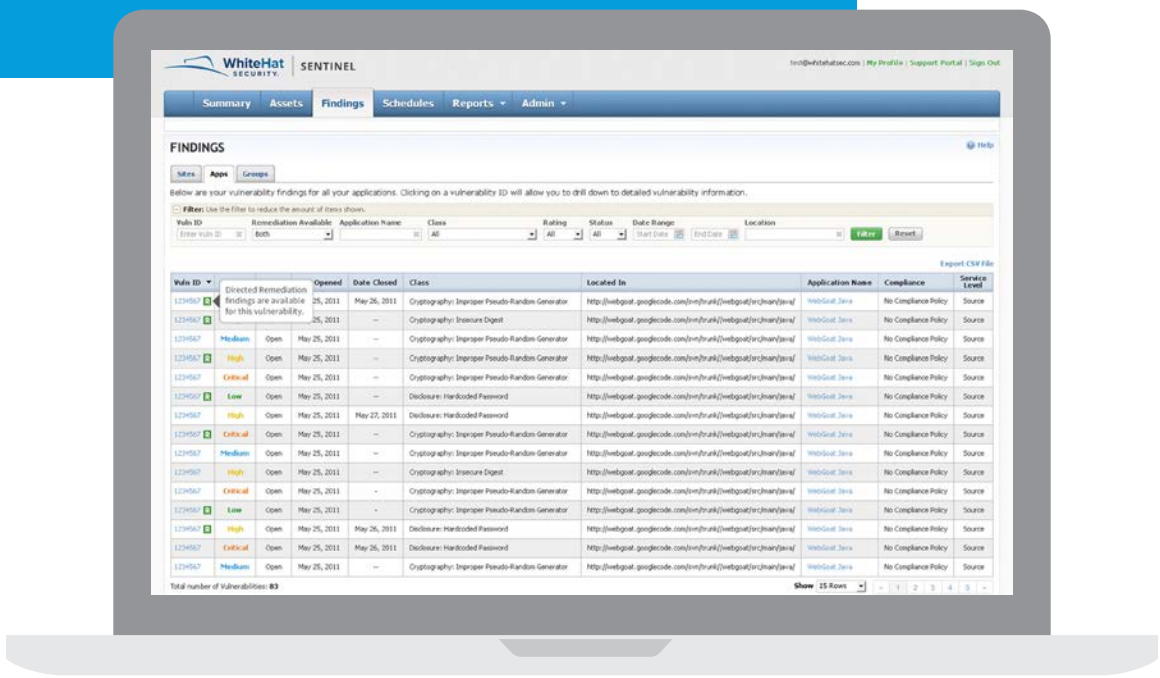
Often times, there are too many vulnerabilities to fix and not enough information on the right way to fix them, which can leave the development team feeling overwhelmed. Directed Remediation is a WhiteHat Sentinel Source feature that uses patented technology and offers targeted and customized code fixes for critical vulnerabilities, which significantly reduces the burden on the development team.

Precise, Ready-to-Implement Code Patches



How it works

1. Sentinel Source scans the entire source code and identifies security vulnerabilities.
2. Sentinel Source Remediation Engine expresses a security fix using state-of-the-art algorithms utilizing positional analysis and data flow analysis and each security fix is verified by security experts in WhiteHat Security's Threat Research Center (TRC).
3. The end user views the recommended security fix in Sentinel Source and chooses to apply the fix to their source code or to adjust the proposed solution according to their environment.
4. The end user then runs a new scan and confirms that the vulnerability has been fixed.



Sentinel Source Directed Remediation Benefits

- Easily fix the vulnerabilities in the source code by utilizing precise code patches that are immediately ready to implement.
- Remediate earlier and quicker in the SDLC, saving countless hours of work and frustration.
- Utilize WhiteHat's secure libraries to protect applications.
- Establish security best practices for the development teams by emulating WhiteHat's security fixes in other development areas.

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