CONTRAST SECURITY

SOLUTION BRIEF

Detection and response

Stop hidden application attacks faster with Contrast

Detect and respond to application-layer attacks with high accuracy and real-time insights, empowering SOC teams to quickly contain threats using visibility from within the application itself.

The problem: SOC teams are flying blind when it comes to application-layer attacks

Today's defenders have layers of security controls that allow them to closely monitor the behaviors and operations of nearly every piece of the IT stack. Our networks, endpoints, identity, data, and cloud infrastructure are paired with detection and response solutions that shine bright lights on suspicious behaviors and help security analysts to uncover malicious activity. Unfortunately, that visibility does not extend into the application layer. Recent studies tell the story:

- Up to 283 days to identify and contain a data breach
- Time to exploit a vulnerability after its disclosure as little as 32 days
- Security Operations Center (SOC) teams spend nearly three hours a day manually triaging alerts

Applications remain a stubborn, opaque blind spot for today's security operations teams. Application-layer exploits, such as command injection, deserialization attacks and even the infamous Log4Shell vulnerability, are notoriously difficult to spot until the adversary is well on their way toward their objective.

Why it matters

Without visibility into the application layer, SOC teams operate in the dark, leaving organizations vulnerable to breaches and attacks that exploit it. By the time security teams can see an application attack, it's often too late to stop it; damage is done and defenders are forced to shift into reactive damage control. This reactive approach slows response times, elevates the risk of data breaches, and puts undue stress on SOC analysts. To stay ahead of attackers, SOC teams need solutions that deliver real-time application-layer insights, eliminate noise and provide clear guidance for response.

The Contrast solution

Contrast Security provides a new visibility into application attacks by embedding security directly into the applications themselves. This ensures real-time, accurate detection and actionable insights for SOC teams. Key capabilities include:

- **Continuous application telemetry:** Once instrumented, each application will automatically monitor and protect itself in production across all environments including cloud, containers and servers. All running instances pass telemetry to Contrast, calling SOC analysts' attention to where it's needed most, at the very earliest stages of an attack.
- **Clean integration into your existing SecOps workflows:** Contrast works seamlessly with your SIEM, XDR and CNAPP to deliver deep application visibility and control to your security operations team exactly where they do their work today.
- **Response runbooks:** Contrast delivers runbooks that provide comprehensive action plans for responding to application security incidents. This ensures that defenders are armed with clear steps for containing and remediating threats, even if they're not developers.

Transforming application layer detection and response

Contrast empowers SOC teams to detect and respond to application threats efficiently, reducing security risks and operational burden. By leveraging deep application visibility, teams can proactively mitigate risks before they escalate. With Contrast, SOC teams can achieve:

Real-time visibility

Gain immediate insights into application-layer attacks with context-rich alerts, enabling faster and more informed responses.

Expert response

With robust support, training and detailed runbooks, SOC teams can maximize the value of Contrast solutions and respond confidently to incidents from day one.

Excellent accuracy

Leverage Contrast's deep understanding of application behavior, code profiling and attack techniques to reduce false positives and focus on genuine threats.

Learn more

Ready to secure your application layer with precision and speed? Learn more about how Contrast Security can help your SOC team detect and respond to application-layer attacks effectively.

BLOG

Bringing the application layer into cybersecurity monitoring and response

BLOG

Wake up, CISOs: You need an ADR flashlight to see into critical application blindspots

WHITEPAPER

The Case for Application Detection and Response (ADR)

Contrast Security is the world's leader in Runtime Application Security, embedding code analysis and attack prevention directly into software. Contrast's patented security instrumentation enables powerful Application Security Testing and Application Detection and Response, allowing developers, AppSec teams, and SecOps teams to better protect and defend their applications against the ever-evolving threat landscape.

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