

Security Analyzer

DETECT AND LOG ALL JAVA SECURITY EXCEPTIONS

BrixBits Java Application Security Analyzer is a comprehensive, customizable solution that detects and logs all security exceptions, even those not logged by application developers. By monitoring and alerting on all security exceptions on any application server, Security Analyzer delivers the critical information needed to thwart a potential attack as its happening.

Why Security Analyzer?

Protecting applications and data is an ongoing battle. The bad guys are everywhere and are finding innovative ways to break through barriers and trick applications so as to access lucrative information stored on servers. Native Java security is difficult to configure and manage and goes unused; so red flags such as login attempts from unwanted geographies go undetected. Even best-in-class application management products cannot offer a complete picture of potential security events. Security issues can, and do, arise daily without anyone's knowledge. BrixBits Java Security Analyzer is the only application server-neutral security product on the market that detects and notifies of security exceptions. Any potential damage is mitigated before today's security breach becomes tomorrow's headline.

Product Highlights

- **Capture all Java security exceptions** – Catch all Java security exceptions regardless of how they are being handled in the application code.
- **Notify of security events in real-time** – Turn any security event or exception alert into a real-time, operations based notification.
- **Disable logins automatically based on browser source** - Prohibit a successful application login after multiple login failures from the same machine even when the failures are for different usernames.
- **Customize access control** - Restrict access to applications based on source IP, geographical location, browser type, and more.
- **Configure event tracking and notifications** – Only get the alerts and notifications that are relevant with configurable rules based event and notification tracking.

Key Benefits

Real-Time Notifications

Real-time, customizable notifications means finding out about critical or severe errors as they happen. No more digging through log files long after an event has taken place to find out what happened.

Increased Visibility

Security Analyzer will expose Java application server security violations (e.g., intrusions or login failures) and exceptions including those that have not been logged by development. This provides increased visibility into the security related events to find, fix and prevent issues from happening again in the future.

Enhanced Security

Provides an additional level of security for standard web login operations. More granular control of access restrictions to prevent access based on IP address, geographic location and browser type. Additionally, Security Analyzer adds a level of protection against login password guessing based on browser level tracking versus account based tracking.

Effortless Integration

Security Analyzer notifications can easily integrate into existing third party IT Operations applications such as Splunk, Nagios, Zenoss, or any JMX console so you can get all your application notifications in one place.



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Technical Features

SECURITY EXCEPTION MONITORING

Monitor and capture all application server security exceptions regardless of whether they or not they are being logged. Security Analyzer also provides additional information such as who generated the exception, what type of exception, and when it occurred giving you complete visibility into the security of your Java applications.

DYNAMIC ACCESS CONTROL

Extend the native authentication and authorization capabilities beyond the usual username and password by adding dynamic access control that will prevent access based on additional parameters such as IP address, geographic locale or browser type.

CONFIGURABLE RULES BASED ALERTING

Quickly and easily configure which Security Analyzer alerts to receive using our simple rules based system.

REAL-TIME CUSTOMIZABLE NOTIFICATIONS

Selectively convert events into operations based notifications such as SNMP traps, syslog messages, emails or text messages to be delivered in real-time.

DETAILED REPORTING

Detailed reports provide metrics and timing breakdowns for instrumented requests.

WORKS WITH ALL STANDARD J2EE LOGGING APIS

Security Analyzer works with all standard J2EE logging APIs such as log4j, apache commons, jboss, tomcat juli, and more.

WORKS OUT OF THE BOX

Security Analyzer is easy to install and requires zero configuration. You can be up and running within minutes.

CENTRALIZED EVENT MANAGEMENT CONSOLE

Our centralized event management console provides a single consolidated view of all Security Analyzer agents, alerts, reports and configuration options.

EMBEDDED AGENT

Embedding our agent in the JVM means a lightweight solution with no additional process to manage. This method also gives us enhanced capabilities to capture data.

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