



Lightstep

SOLUTION SHEET

JFROG XRAY INTEGRATION WITH SERVICENOW LIGHTSTEP INCIDENT RESPONSE

Software Vulnerability Notifications for SREs and IT Operations Staff

OVERVIEW

Securing your software supply chain requires proactively identifying compliance issues and security vulnerabilities early in your software development lifecycle. With the combination of JFrog Xray software security code scanning and Lightstep Incident Response, organizations can identify software vulnerabilities immediately as events arise and engage the necessary teams for timely response and remediation.

JFrog Xray is the universal software composition analysis (SCA) solution that enables DevSecOps teams to proactively identify open source software vulnerabilities and license compliance violations before they manifest in production, and swiftly remediate across the entire application inventory.

BENEFITS OF INTEGRATION

On-call management and observability platform that enables SREs and IT Operations staff to accomplish the following through ServiceNow Lightstep Incident Response:

- ✓ Notify teams of key Xray security and license compliance alerts
- ✓ Identify incidents earlier in their DevOps pipeline
- ✓ Engage the necessary teams for timely response and remediation
- ✓ Displays Xray alerts spanning high-level service maps to specific signals contributing to issues in production
- ✓ Optimize on-call management with automated, rapid response tools

The screenshot displays the Lightstep Incident Response interface. It features a 'How I'm doing' summary with metrics for assigned alerts (0), incidents (1), impacted services (1), high priority alerts (8), and upcoming shifts (0). Below this is a table of 'My active alerts' with columns for Number & Description, Service, Priority, Acknowledged, Assigned to, Incident, and Collaboration. The table lists four alerts related to security vulnerabilities in tar packages and denial of service. To the right, there's a 'My teams' section for 'Frog_SRE' and a list of 'All active P1 incidents (7)', including INT0001025 and INT0001024. At the bottom, there's a section for 'My active incidents' with a table showing one incident: INT0001025, 'security - The ejs (aka Embe...', in an 'Open' state, assigned to 'Unassigned', with 1 related alert and an elapsed time of 'a day ago'.

INTEGRATION FEATURES

Lightstep Incident Response is a service event management tool for SREs and IT Operations staff to connect all their various tools to manage response to outages. The JFrog integration with ServiceNow Lightstep delivers notifications and actionable alerts to Xray you wish to make visible, such as software binary security vulnerabilities and open source license compliance issues. Notifications can be paused, deleted, or invoke the JFrog Platform for more details from within the Lightstep incident reporting monitor.

THE JFROG - LIGHTSTEP INTEGRATION



APPLICATION SECURITY
& COMPLIANCE

License violations
Security Vulnerabilities
Impact artifacts,
components, packages,
builds

+



Lightstep

INCIDENT RESPONSE
& MANAGMENT

Incident detection
Ranking and Prioritization
Responce tracking
Team collaboration



- Bringing together of 'Dev' and 'Ops' personas
- more secure software supply chain
- Proactive detection of compliance and security issues
- Efficient issue tracking and remediation

Xray can send software security vulnerability and open source license compliance notifications to the Lightstep monitor based on policies setup in JFrog Xray.

USE CASES

- **SRE/IT Admin Oversight** - Incident reports sent through Lightstep enable rapid response to all relevant DevOps events and security issues.
- **Quality Assurance** - QA teams can configure Xray policies and watches to monitor targeted artifact repositories used for test and staging environments, and report security violations through Lightstep incident services for prompt resolution.
- **Shift Left Security** - Incident reports sent through Lightstep alert developers and dev managers of any relevant security vulnerabilities and enable resolution at the earliest point in the development lifecycle.

For more information, visit the [ServiceNow partner page](#)



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