How to tie Red Hat Insights into your existing tools

Organizations that use Red Hat Insights save administrator time and effort with modernized management with analytics and automation that have led to:[1]

▸ 96% reduction in time to detect known risks to availability, performance, stability, and security.

▸ 88% less time to track patch status for all systems in the environment, versus manual scripted workflow.

▸ 91% less task completion time to address a vulnerability.

▸ 69% reduction in time to detect policy violations.

▸ 26% reduction in administrator steps to detect known risks.

Addressing security and compliance challenges in your environments can seem daunting in the face of growing cyberthreats and ever-evolving compliance regulations. Businesses must adapt to a scarcity of time, people, and resources while also gathering critical information to make timely decisions.

Red Hat® Insights can help you manage hybrid cloud environments by providing clarity into the security risk profile, pinpointing and preempting critical operational issues, reducing time to find and resolve issues, and freeing up resources. Insights helps you save valuable time, allowing you to focus your efforts on innovation and new capabilities.

Use Red Hat Insights to help with day-to-day activities

Insights is a management tool that continuously analyzes platforms and applications and is part of any existing Red Hat subscription. The potential benefits of using this cloud analytics platform apply to your:

▸ **Business.** Track and optimize spending with a simple and immediate understanding of account-wide subscription profile. Use resource optimization to better understand public cloud environments.

▸ **Operations.** Identify availability, performance, stability, and security risks. You can also compare baselines and systems to help identify configuration changes, analyze for Red Hat product advisory applicability, and create custom public cloud images to suit your unique business needs.

▸ **Security.** Insights helps to reduce risk by accessing and monitoring regulatory compliance at scale. Remediate Common Vulnerabilities and Exposures (CVEs), define and monitor against your own policies to identify misalignment, and use a pattern-matching malware detection scanner.

Insights gathers configuration and utilization data from Red Hat products and analyzes the data based on existing knowledge and expertise—including more than 1 million customer support cases, 1,000 Red Hat support personnel, and 115,000 knowledge base and solution articles—to generate insights for administrators to take action.

This technology evaluates your system and uses modernized management with analytics and automation to:

▸ Conduct configuration reviews to ensure systems are set up correctly.

▸ Identify interoperability issues from the hypervisor or cloud, through the operating system (OS), and through the application stack.

▸ Provide a centralized view of all CVEs, patches, and compliance risks.

▸ Identify drift to ensure systems remain the same.

▸ Provide visibility into subscription usage.

Insights checks your systems, identifies issues, and tells you the possible remediations you can take. If you want to do this at scale, you can use a combination of Red Hat Satellite and cloud connector to run remediation playbooks from Insights.

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1 Red Hat infographic. "Boost your operations with Red Hat Insights," September 2021.

Brief   How to tie Red Hat Insights into your existing tools

Benefits of integrating with existing tools and third-party applications

Integrating Insights with your existing tools has never been more user-friendly. For example, findings from your regular Insights analysis can trigger Insights events that are used to perform certain actions, such as sending emails or forwarding messages to third-party integrations.

These integrations can be used to create a variety of communication flows between Red Hat Hybrid Cloud Console, third-party integrations, and any Red Hat product you use in your day-to-day operations.

Examples of third-party integrations you can use with Insights include:

▸ **ServiceNow.** Receive events in JavaScript Object Notation (JSON) format from Insights and 1 or more triggers flow with bespoke actions based on the event's data.

▸ **Slack.** Forward simple messages to the defined channel for each event triggered according to your account configuration. Those events are forwarded to the configured Insights Incoming Webhook application in Slack, and messages are displayed in the defined channel.

▸ **Splunk.** Visualize and explore Insights' findings with a customizable dashboard and table. Correlate Insights' findings and data from other sources in Splunk, navigate back Insights from Splunk to get more details and remediations, and embed Insights into existing corporate tooling and processes.

4 things to know about data collection in Insights

Insights collects as little data as possible and has built-in controls to allow organizations to redact IP addresses, hostnames, and other information. Here are 4 things you should know about data collection with Insights.

▸ **Only relevant data is sent.** You have granular controls over the data you send. In addition to automatically removing sensitive data, you can also filter by file, command, or string.

▸ **All information is encrypted.** From the time it is collected on the client server to transmission to the Insights service, data has full end-to-end encryption.

▸ **Data remains for a short period of time.** There is a daily replacement of server upload. If a new upload is not sent, the current is typically deleted after 14 days.

▸ **Personally identifiable information is not targeted.** Insights does not target personally identifiable information (PII) and adheres to Red Hat policies and guidelines aligned to the European Union's General Data Protection Regulation (GDPR).

Take advantage of Red Hat Insights

Learn more about Red Hat Insights or contact Red Hat to access and set up Insights as part of your current Red Hat subscription.

About Red Hat

Red Hat helps customers standardize across environments, develop cloud-native applications, and integrate, automate, secure, and manage complex environments with award-winning support, training, and consulting services.