



Ask Me Anything Webinar Best Practices for Getting Started in Red Hat Insights

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What we will discuss today

About Us



Rob Williams
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Product Manager



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Senior Principal
Technical Marketing Manager

- Overview
- 12 Best practices for using Insights
- Demo
- Q&A

What is Red Hat Insights?

Assesses your Red Hat Enterprise Linux environment to help you **identify and remediate threats**, avoiding outages, unplanned downtime and risks to security and compliance.

New and improved Red Hat Insights

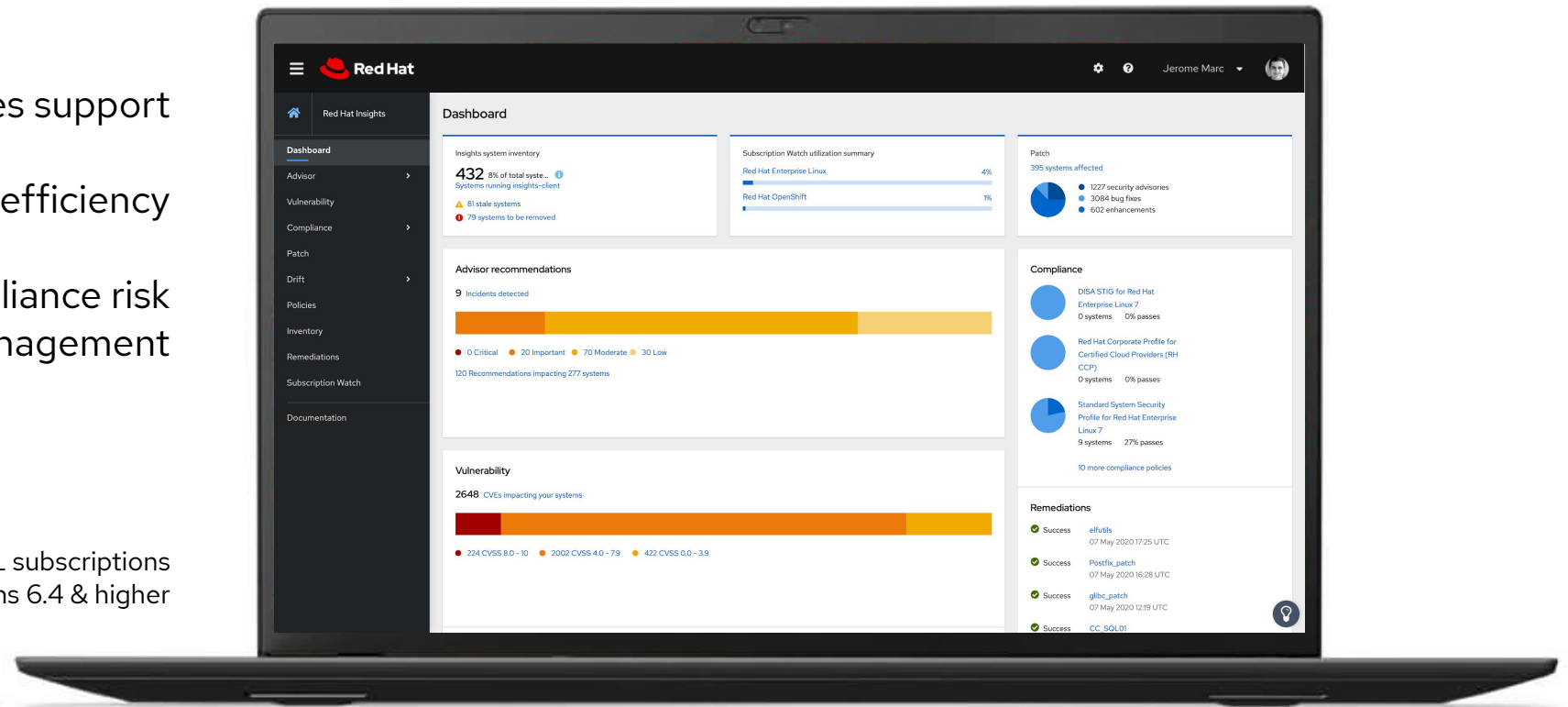
Included with all Red Hat Enterprise Linux subscriptions

New and expanded services support

Operational efficiency

Vulnerability and compliance risk
management

*Active RHEL subscriptions
versions 6.4 & higher



Overview of Red Hat Insights services



Advisor

Availability, performance, stability, and security risk analysis



Vulnerability

Assess Common Vulnerabilities and Exposures (CVEs) with advisories



Compliance

Assess and monitor compliance, built on OpenSCAP



Subscriptions

Track progress of your Red Hat subscription usage efficiently and confidently



Drift

Create baselines and compare system profiles



Policies

Define and monitor against your own policies to identify misalignment



Patch

Analyze for Red Hat product advisory applicability to stay up to date

Getting Started Best Practices



Install the Insights client on at least 10 systems

There are different ways to do this, but we recommend the new Register Systems capability on the Insights dashboard, which we will demo today.

This is a small set that best enables you to see the benefits of Insights analytics.



Deploy on a larger scale using automation...

... Ansible Playbooks and Puppet scripts are available for large sized deployments with ease. We recommend expanding past the 10 systems to 100+ for a real sense of management capabilities



Try Insights on your older versions of RHEL.

Newer versions of RHEL may not show as many risks.

Red Hat

Red Hat Insights

Dashboard

Advisor

Vulnerability

Compliance

Patch

Drift

Policies

Inventory

Remediations

Register Systems

Subscription Watch

Documentation

Register your systems with Red Hat Insights

The Insights registration assistant will guide you through the setup process for the Red Hat Insights Client. You will be prompted with a series of questions about your environment to provide you with setup instructions tailored for your environment.

Step 1: Tell us about your systems

How are the systems managed?

☒ Red Hat Subscription Manager

☐ Red Hat Satellite

☐ Public cloud/RHUI

Operating System

☐ RHEL 8

☒ RHEL 7 & 6

Note: Red Hat Insights can be used on all [Red Hat-supported versions](#) of Red Hat Enterprise Linux, version 6.4 and later.

Do you wish to use automation for installation?

☒ Ansible

☐ Puppet

☐ No

Note: You can automate the installation and registration of systems with Ansible, included with your Red Hat Enterprise Linux entitlement.

Step 2: Download the insights-client playbook

Download playbook

Step 3: Install and configure your playbook

Inside of Insights

New "Register Systems" wizard


Register with RHSM


You must register all Red Hat Enterprise Linux (RHEL) systems with Red Hat Subscription Manager to receive necessary updates and to resolve software dependencies.

```
> subscription-manager register --auto-...
```

Note: If the system cannot be subscribed to RHSM, [basic authentication](#) can be configured on the client.


If you have a web-based proxy between your system and the Internet, you can configure the insights-client to connect through it. For more information, refer to [How to access Red Hat Insights through a firewall/Proxy](#).

 Data collection & controls [Learn more](#)


 Setup and Configure

Assess and monitor the compliance of your RHEL systems using Policies [Learn more](#)

Detect and be notified of system configuration changes using Custom Policies [Learn more](#)

 Red Hat® Smart Management

Watch the [Command line install](#) option

 Red Hat

Getting Started Best Practices



Look at Actively impacting issues first & critical detections.

Example:



Tag systems in a hierarchy that fits your workflow and priorities

Example: Lifecycle - Production/Dev/Stage, Location - East Coast DC/West Coast DC, Business LOBs



Remediate the risks you prioritize ... all the way into production

Manually remediate using the included instructions

Or use a playbook (recommended). Select the systems on which you want to remediate the risk, then click the remediate button to generate and download a playbook to execute with Smart Management or Ansible Automation Platform

Getting Started Best Practices



Explore other Insights capabilities

Drift - drift from baseline
Policies - internal policy alerting
Patch - stay patched without research



Now add additional Insights capabilities depending on needs such as availability, maintenance, or troubleshooting., or interacting with the security team.

Availability: Advisor, Drift, Patch
Maintenance: Patch
Troubleshooting: Drift
Security: Vulnerabilities and Compliance



Add compliance based on your needs

You must install OpenSCAP on your RHEL hosts
Additional details: [OpenScap Guide](#) and [Insights Get Started Page](#)

Getting Started Best Practices



Now deploy at scale for faster and more efficient management

Use Smart Management to execute Ansible playbooks

[Details](#)



Deploy Smart Management Cloud Connector

... for push-button remediation right from within Insights (see resources and next webinar)



Explore Subscription Watch

Look on the left navigation in the Insights dashboard

Insights Demo

Q & A

Red Hat Insights

Additional resources and next steps

Enable Red Hat Insights

You have Red Hat Insights at no additional cost:

red.ht/insights_start or

Use cloud.redhat.com/insights > Register Systems menu item

Find more “how-tos” on capabilities in the webinar library

bit.ly/insights_webinarlibrary

Learn more in the documentation

bit.ly/insights_docs



▶ Watch the [intro video](#).



▶ Read the [Insights blog](#).



▶ Watch the [Cloud Connector](#) video

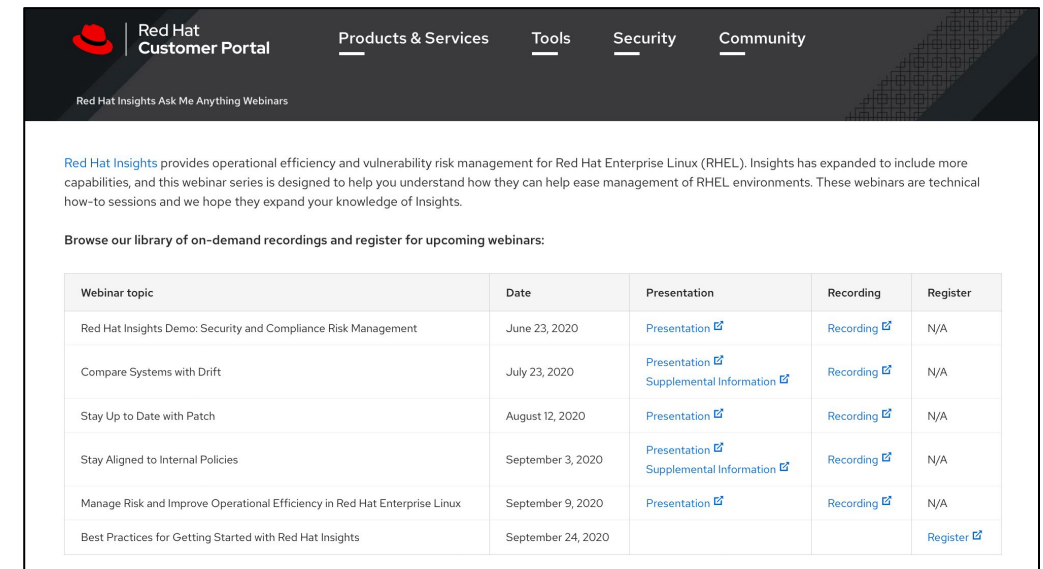
Upcoming Red Hat Insights Ask Me Anything webinars: Best Practices for Getting Started with Insights

**Register for upcoming Ask Me Anything webinar
Getting started with push button remediation using Smart
Management's Cloud Connector, October 29th**

Presenter: John Spinks, Technical Marketing Manager

bit.ly/insights_connector

AnsibleFest: October 13 - 14, 2020: ansible.com/fest



Red Hat Insights Ask Me Anything Webinars				
Webinar topic	Date	Presentation	Recording	Register
Red Hat Insights Demo: Security and Compliance Risk Management	June 23, 2020	Presentation	Recording	N/A
Compare Systems with Drift	July 23, 2020	Presentation Supplemental Information	Recording	N/A
Stay Up to Date with Patch	August 12, 2020	Presentation	Recording	N/A
Stay Aligned to Internal Policies	September 3, 2020	Presentation Supplemental Information	Recording	N/A
Manage Risk and Improve Operational Efficiency in Red Hat Enterprise Linux	September 9, 2020	Presentation	Recording	N/A
Best Practices for Getting Started with Red Hat Insights	September 24, 2020			Register

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