Manage Risk & Improve Operational Efficiency

For Red Hat Enterprise Linux
Today’s presenters

Rob Williams
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What we are talking about today

Industry Challenges and Trends

Red Hat Insights for Operational Efficiency Use Cases

Demo

Q & A
Smart, efficient Linux management is required

**Overly complex**
Technology stacks are hybrid and complex, creating intricate challenges across operating systems and workloads.

**Time consuming**
Growing hybrid deployments with many nuances in management that all takes time to understand in detail and manage.

**Business impacting**
Stable, predictable operations drive business, with new applications and digital transformation as key themes.
For most, IT optimization is an important initiative. The biggest benefits are efficiency, stability and cost savings.

Top infrastructure priorities:
- Align IT to business needs
- Streamline processes
- Standardize server operating system management

Source: Global IT Trends & Priorities Research, August 2019, Qualtrics and Red Hat
Use cases: where’s the risk?

Identify problems early and resolve them quickly to reduce business impacts

Use case: new deployments
Detect risks early in the lifecycle to avoid critical problems before they make their way to production.

Use case: ongoing operations
Stay on top of risks as environments continue to change and evolve over time and so is the threat landscape.
Red Hat Insights

Helps you manage your Red Hat Enterprise Linux environment

1. Where are my systems?
2. What are the risks in my environment?
3. How do I fix it?

Red Hat Insights included with all actively supported Red Hat Enterprise Linux subscriptions (6.4 and up)
Expanded 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
Red Hat Insights adoption is on the rise
A look at Red Hat Insights growth

Increase in active Insights clients, from January, 2019 to August, 2020

450%

Advisor (configuration) recommendations growth

600 recommendations at Summit, 2019

1,000+ recommendations August, 2020

With additional vulnerability checks

“Building servers that are tuned, ready-to-go and more secure from day one is a key need for our IT organization. Red Hat Enterprise Linux with Red Hat Insights gives us this capacity, enabling us to deploy servers that are immediately usable and meet our specific needs as they go live.”

- Steve Short, Kingfisher PLC
A conversation with Red Hat Insights users
Morgan Peterman, Red Hat TAM, leads a panel discussion with two Red Hat Accelerators

Insights is like having a full-time person to review configurations and double check what we do, which is fantastic because we cannot always be an expert in every single thing. It takes care of performance tuning, setting up to align with best practices, and secure with patches installed to ensure everything is running as it should be.

If you have a very large environment, it is more like adding a second team because when you have more than 10,000 systems it is a challenge of scale that cannot be solved with people, you have to solve it with code - and Insights has done that… we still get surprised by the issue Insights identifies.

Hear more from Red Hat Insights users: red.ht/Insights_April
Modern management through analytics and automation

- 96% reduction in time to detect known risks to availability, performance, stability, and security
- 26% reduction in administrator steps to detect these known risks
- 88% less time to track patch status for all systems in environment, versus manual scripted workflow
- 1m 24s to discover vulnerabilities in a 100-VM environment, versus over 15m when performed manually
- 91% less task completion time to address a vulnerability
- 69% reduction in time to detect a policy violation

Red Hat Smart Management Cloud Connector

Smart Management subscription enables push-button remediation of issues identified by Insights

Cloud Connector
Connects your federated Satellite infrastructure to Insights to execute remediation playbooks at scale.

*Multiple Satellites are supported, but optional
Insights Demo
New: getting your team started is even easier!

Register your systems with Red Hat Insights

1. Tell us about your systems
   - How are the systems managed?
     - Red Hat Subscription Manager
     - Red Hat Satellite
     - Public cloud/RHUI

2. Do you wish to use automation for installation?
   - Ansible
   - Puppet
   - No

3. Download the Insights-client playbook

   Download playbook

4. Install and configure your playbook

   Install Ansible and get started
   Configure insights-client playbook

Preinstallation checks

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.

Data collection & controls: Learn more

Setup and Configure

Assess and monitor the compliance of your RHEL systems using Policies.

Red Hat Smart Management

Combines the flexible and powerful infrastructure management capabilities of Red Hat Satellite with the ability to execute remediation plans from Red Hat Insights.
Additional resources and next steps

READ THE RED HAT INSIGHTS EXECUTIVE BRIEF
Read the Red Hat Insights security brief:
bit.ly/insights_efficiency

RED HAT® ENTERPRISE LINUX® CUSTOMER CAN GET STARTED
You have Red Hat Insights at no additional cost:
red.ht/insights_start

HEAR FROM CUSTOMERS
Red Hat Insights customers discuss the benefits:
bit.ly/April_panel

READ THE ANALYST PAPER
Principled Technologies Group time and cost benefits paper:
bit.ly/insights_ptg

Watch the intro video (4 mins)

Read the Insights blogs

Share your use case ideas insights@redhat.com

Web: redhat.com/insights
Thank you

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