Manage Microsoft Azure environments with Red Hat Lightspeed

Streamline management across Red Hat platforms

Red Hat Lightspeed is included with multiple Red Hat platforms to help you manage your entire hybrid cloud environment more efficiently and effectively:

- Red Hat Lightspeed for Red Hat Enterprise Linux
- Red Hat Lightspeed for Red Hat OpenShift®
- Red Hat Lightspeed for Red Hat Ansible® Automation Platform

Activate Red Hat Lightspeed to start realizing benefits today.

Effective management is required for efficient cloud operations

Enterprises run 50% of their workloads and store nearly half (46%) of their data in a public cloud.[1] Managing these workloads and data across your datacenter and cloud environments can be complicated, resulting in inefficient operations and potential security vulnerabilities. Unified management and visibility can help you streamline operations, improve security, and control spending across your environments.

What is Red Hat Lightspeed?

Red Hat® Lightspeed (formerly Red Hat Insights) boosts your subscription with proactive, AI-powered management and advanced security capabilities directly into your existing Red Hat experience. Included with Red Hat Enterprise Linux® and accessed through the Red Hat Hybrid Cloud Console, Red Hat Lightspeed uses predictive analytics and deep domain expertise to reduce complex operational tasks from hours to minutes. It gathers configuration and utilization data from your Red Hat products, analyzes the data based on Red Hat knowledge and expertise, and generates prioritized recommendations for you to take action. Focusing on areas of operations, security, and business area , Red Hat Lightspeed alerts administrators and stakeholders before an outage or security event occurs. By helping teams stay ahead of critical operational issues, Red Hat Lightspeed allows your staff to focus on innovation.

Red Hat Lightspeed works across on-site and cloud environments—including Microsoft Azure—allowing you to manage and optimize everything from a single interface. It also integrates with other Red Hat and third-party tools. For example, you can use remediation guidance to take manual actions or create playbooks for resolution at scale with Red Hat Satellite, an infrastructure management product specifically designed to keep Red Hat Enterprise Linux environments running efficiently, with security, and in compliance with various standards. You can also use a push mechanism to initiate actions in third-party applications. For further simplification, you can link your Red Hat account to your Microsoft Azure account and choose to automatically connect your cloud-based systems and workloads to Red Hat Lightspeed and other Red Hat services upon provisioning.

Track and optimize spending across clouds

Red Hat Lightspeed helps you understand and optimize cloud spending and performance. The subscription service tracks Red Hat subscription use across your entire environment efficiently and confidently. The resource optimization service helps size your Microsoft Azure deployments using processor, memory, and network performance metrics. It monitors system performance over a 24-hour period, provides metric scores, and assesses systems as optimized, undersized, oversized, under pressure, or idling. You can use this information to optimize system performance when moving workloads to Microsoft Azure.

1 Flexera. "Flexera 2025 State of the Cloud Report," March 2025.

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Save time and effort with Red Hat Lightspeed

Red Hat Lightspeed helps you reduce the time spent on common management tasks:[2]

- **28%** less hands-on time to detect and remediate compliance
- **86%** less hands-on time to detect and remediate known issues
- **79%** less hands-on time to detect and remediate CVEs

Read the Enhance operational efficiency with Red Hat Lightspeed overview to learn more.

Improve IT efficiency, stability, and performance across clouds

Red Hat Lightspeed helps you optimize system efficiency, stability, and performance across large-scale environments with less effort and time. The advisor service assesses your system configurations against Red Hat's knowledge base of support cases, industry best practices, and issues identified by Microsoft to find operational risks and provide prioritized remediation guidance. The drift service helps you detect configuration deviations that can lead to performance, availability, security, and compliance issues. You can compare your system configurations to customized baselines, other systems, and historical profiles to find changes and notify stakeholders. The patch service helps you manage patching across all Red Hat Enterprise Linux systems in your hybrid cloud environment. You can analyze systems to determine which ones have patches available and create automation playbooks to apply those patches. Finally, the image builder service helps you build, manage, and deploy Red Hat Enterprise Linux operating system images across your datacenter and Microsoft Azure environments more quickly and efficiently. Create customized images, save them as templates, and push them to your Microsoft Azure inventory to simplify provisioning.

Reduce risk in cloud environments

Red Hat Lightspeed helps you improve security operations through risk prioritization and management and options for remediation—across on-site and cloud deployments. The vulnerability service lets you scan your systems for Common Vulnerabilities and Exposures (CVEs), collect scan information, and access remediation guidance using a single interface. It also helps you prioritize remediation actions based on the severity, type of risk, and impact of the change. The compliance service helps you audit regulatory compliance with OpenSCAP policies, remediate noncompliant systems, and generate compliance reports. The policies service lets you define internal security policies, monitor systems for compliance, and alerts teams when a system is out of compliance. Finally, the malware service helps you rapidly detect active malware signatures in systems across your hybrid cloud environment.

Get started today

Register your Red Hat Enterprise Linux systems to start realizing the benefits of Red Hat Lightspeed across your datacenter and Microsoft Azure environments immediately. Discover how to get started with Red Hat Lightspeed.

2 Principled Technologies, sponsored by Red Hat. "Save administrator time with the automated remediation capabilities of Red Hat Lightspeed." October 2024.

About Red Hat

Red Hat is the world's leading provider of enterprise open source software solutions, using a community-powered approach to deliver reliable and high-performing Linux, hybrid cloud, container, and Kubernetes technologies. Red Hat helps customers develop cloud-native applications, integrate existing and new IT applications, and automate and manage complex environments. A trusted adviser to the Fortune 500, Red Hat provides award-winning support, training, and consulting services that bring the benefits of open innovation to any industry. Red Hat is a connective hub in a global network of enterprises, partners, and communities, helping organizations grow, transform, and prepare for the digital future.

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