

Improve and automate compliance with Red Hat and OpenSCAP

Features and benefits

Red Hat and OpenSCAP provide a security hardening solution for your operating environment to help your organization:

- Regularly check systems against HIPAA and other security policies.
- Automatically generate detailed scan reports.
- Immediately repair issues.
- Develop a baseline for compliance.
- Monitor continuously to prevent drift.
- Dynamically adjust policies and configurations.
- Create customizable dashboards.
- Reduce costs and efforts.
- Automatically remediate issues with Red Hat Ansible Automation Platform.

Protecting patient data in a complex environment

The ability to collect and interpret patient data is critical for modern healthcare organizations. However, organizations also must ensure that this massive amount of data is protected and meets Health Insurance Portability and Accountability Act (HIPAA) and other government standards.

To help customers meet these requirements for data security, Red Hat worked with the National Institute of Standards and Technology (NIST) to develop the Security Content Automation Protocol (SCAP). Red Hat, the leader in open source software offerings, teamed with OpenSCAP, the leader in open source security protocols, to provide the tools to help prevent, detect, and mitigate security threats.

By combining OpenSCAP and Red Hat® automation, organizations can take advantage of a security hardening solution for the operating environment that provides fast, verifiable, repeatable security for HIPAA compliance. This solution can help you:

- Improve security to protect electronic-protected health information (ePHI), meeting HIPAA requirements and reducing the risk of violations.
- Perform regular risk analysis to ensure that safeguards such as antivirus software and role-based authentication policies are robust and up to date.
- Actively monitor and remediate vulnerabilities, increasing organization agility.
- Provide audit reporting to help your organization track down and understand exactly where, when, and how vulnerabilities were introduced.

Protect your infrastructure with supported open source tools

The Red Hat automated security and HIPAA compliance solution helps organizations take control of exposure by conducting continuous security checks to find vulnerabilities across their operating environment and immediately remediate any issues. The solution provides:

- On-demand and/or scheduled vulnerability scans and detailed reports comparing your operating environment against a number of standards – including the recently added HIPAA profile provided by OpenSCAP 1.2.
- A dynamic inventory provided by Red Hat Ansible® Automation Platform to automate the remediation process so that you can take immediate action to address issues.
- A centralized web console to administer OpenSCAP profiles and the ability to identify vulnerabilities and patch, provision, and manage your operating environment, optional with Red Hat Satellite.

Build in automated security

With the Red Hat automated security and HIPAA compliance solution, you can run vulnerability scans at any frequency. Scans return detailed reports visualized through Red Hat Satellite that measure systems against a HIPAA profile and indicate which ones pass, which ones fail, and why.



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OpenSCAP can automatically generate Ansible Playbooks that can be executed by Red Hat Ansible Automation Platform, so you can immediately correct any issues identified in the scan. You can then make this automation part of a standard corporate build process. As a result, you can provision and deploy fully compliant, hardened systems to your environment from the start, using policies based on HIPAA.

OpenSCAP scans and reports enable an audit process to help your organization track down and understand exactly where, when, and how vulnerabilities were introduced – including any new users or settings changes that might have appeared at the same time.

Guard against configuration drift

Scheduling regular system checks or running system checks on demand provides you with up-to-date protection against new vulnerabilities and threats. The checks also return your systems to your baseline, which prevents the drift that can occur as new software is added, existing software evolves, and users log in and interact with the environment.

You can dynamically configure the combined solution to your existing systems and policies, and you can adjust policies to fit your organization’s needs. With Red Hat Satellite, you also can create customized dashboards to make it easy for users to check specific systems as needed.

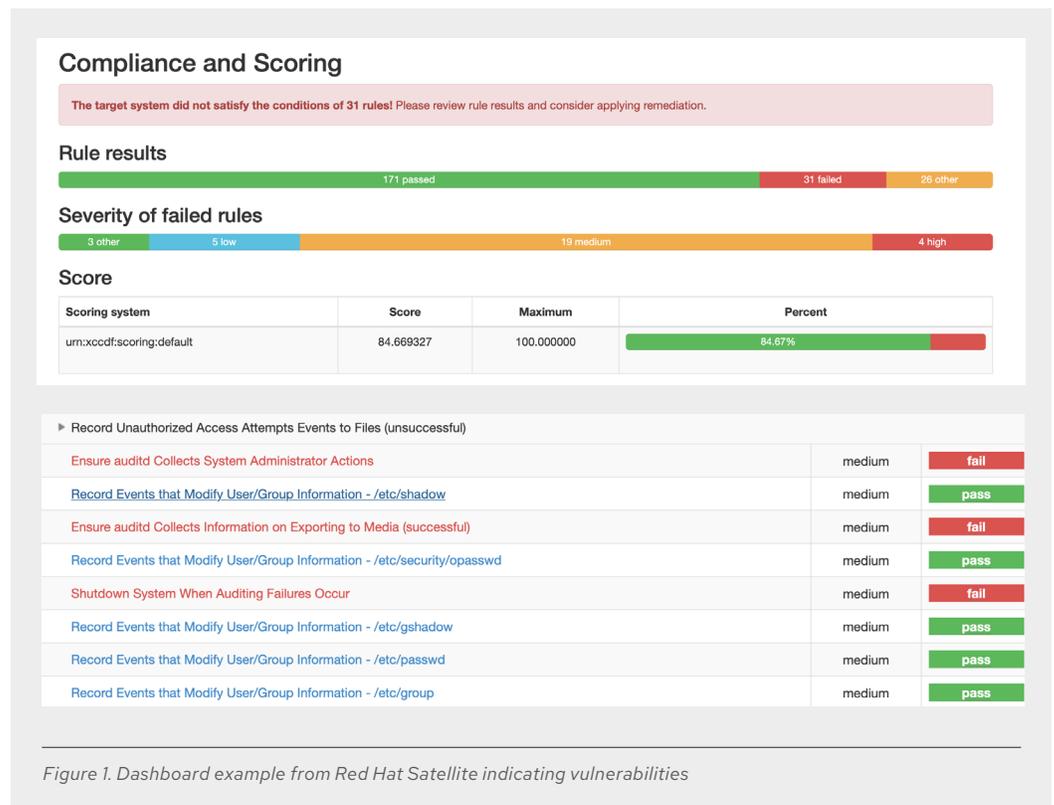


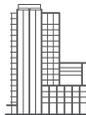
Figure 1. Dashboard example from Red Hat Satellite indicating vulnerabilities

Reduce risk, costs, and effort

The Red Hat automated security and HIPAA compliance solution reduces the downtime and manual effort required during upgrades and updates, making the never-ending task of providing security to your environment easier and less costly.

OpenSCAP profiles and playbooks are available through Red Hat at no cost or can be downloaded directly from the NIST National Checklist Program (NCP) Repository. Together, these tools offer a security hardening solution for your operating environment that provides fast, verifiable, repeatable security for HIPAA compliance. Contact your account representative to learn more.

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 integrate new and existing IT applications, develop cloud-native applications, standardize on our industry-leading operating system, and automate, secure, and manage complex environments. Award-winning support, training, and consulting services make Red Hat a trusted adviser to the Fortune 500. As a strategic partner to cloud providers, system integrators, application vendors, customers, and open source communities, Red Hat can help organizations prepare for the digital future.



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