FAST FACTS

Company: Synopsys
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Company Description
Synopsys helps development teams build secure, high-quality software, minimizing risks while maximizing speed and productivity. Synopsys, a recognized leader in application security, provides static analysis, software composition analysis, and dynamic analysis solutions that enable teams to quickly find and fix vulnerabilities and defects in proprietary code, open source components, and application behavior. With a combination of industry-leading tools, services, and expertise, only Synopsys helps organizations optimize security and quality in DevSecOps and throughout the software development life cycle.

Product Profile
Black Duck for OpenShift automatically scans and continuously monitors all container images in an OpenShift cluster to give teams visibility into, and control over, the risks associated with open source components in those images.

Overview
Synopsys helps organizations build secure, high-quality software faster.

Executive Summary
Synopsys and Red Hat work together to help customers manage their open source components and associated risks inside container images. Black Duck for OpenShift automatically discovers images as they are created or updated by listening for changes within the image stream and Kubernetes pod events. It then performs deep container inspection on both operating system and application layers to identify open source security and compliance risks at any phase of container construction.

Statement from Partner
“Synopsys is proud to partner with Red Hat in our mission to enable customers to bring open source risk management to their containerized production environments. Synopsys and Red Hat share a similar vision for the future of application deployment and, together, we look forward to helping organizations overcome the challenges of containerized applications.”

-Vatsal Sonecha, VP Business Development

Statement from Red Hat Connect
“Customers are looking to migrate their applications to the cloud leveraging containers as the deployment model,” said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. “Red Hat container certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like Synopsys, resulting in the world’s largest commercial ecosystem for containers.”
Product Benefits
Black Duck and Red Hat empower customers to gain control over open source risks in their container images at scale.

• **Automated container image scanning.** Automatically scan and inventory all open source in container images as they are utilized.

• **Identify security vulnerabilities.** Identify and highlight any images that contain open source vulnerabilities based on Black Duck’s KnowledgeBase™ - the largest database of open source risk information available.

• **Manage your open source risk.** Flag container images that violate predefined open source security policies.

• **Continuously monitor your container images.** Receive automated alerts when any newly discovered vulnerabilities may affect container images within your OpenShift cluster.

Use Cases
Black Duck for OpenShift helps IT Operations teams be proactive about managing their open source risk.

• Scale your open source security strategy to gain automated visibility into open source risk in your OpenShift cluster.

• Be the first to know about newly discovered open source vulnerabilities if they are found in your container images.

• Annotate and label container images and pods to gain visibility into open source risks within OpenShift.

• Receive actionable remediation information to quickly patch vulnerabilities as they are discovered.

Learn more about Synopsys:
https://www.synopsys.com/software-integrity.html

Learn more about Black Duck by Synopsys:
https://www.synopsys.com/software-integrity/security-testing/software-composition-analysis.html

Learn more about Black Duck for OpenShift:
https://www.blackducksoftware.com/red-hat-openshift

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