BLACKDUCK

BY SYNOPSYS®

Installing Black Duck using OpenShift

Version 2019.4.1

This edition of the *Installing Black Duck using OpenShift* refers to version 2019.4.1 of Black Duck.

This document created or updated on Wednesday, April 17, 2019.

Please send your comments and suggestions to:

Synopsys
800 District Avenue, Suite 201
Burlington, MA 01803-5061 USA

Contents

Black Duck documentation

The documentation for Black Duck consists of online help and these documents:

Title	File	Description
Release Notes	release_notes.pdf	Contains information about the new and improved features, resolved issues, and known issues in the current and previous releases.
Installing Black Duck using Docker Compose	install_compose.pdf	Contains information about installing and upgrading Black Duck using Docker Compose.
Installing Black Duck using Docker Swarm	install_swarm.pdf	Contains information about installing and upgrading Black Duck using Docker Swarm.
Installing Black Duck using Kubernetes	install_kubernetes.pdf	Contains information about installing and upgrading Black Duck using Kubernetes.
Installing Black Duck using OpenShift	install_openshift.pdf	Contains information about installing and upgrading Black Duck using OpenShift.
Getting Started	getting_started.pdf	Provides first-time users with information on using Black Duck.
Scanning Best Practices	scanning_best_practices.pdf	Provides best practices for scanning.
Getting Started with the SDK	getting_started_sdk.pdf	Contains overview information and a sample use case.

Title	File	Description
Report Database	report_db.pdf	Contains information on using the report database.
User Guide	user_guide.pdf	Contains information on using Black Duck's UI.

Black Duck integration documentation can be found on Confluence.

Customer support

If you have any problems with the software or the documentation, please contact Synopsys Customer Support.

You can contact Synopsys Support in several ways:

- Online: https://www.synopsys.com/software-integrity/support.html
- Email: software-integrity-support@synopsys.com
- Phone: See the Contact Us section at the bottom of our support page to find your local phone number.

Another convenient resource available at all times is the online customer portal.

Synopsys Software Integrity Community

The Synopsys Software Integrity Community is our primary online resource for customer support, solutions, and information. The Community allows users to quickly and easily open support cases and monitor progress, learn important product information, search a knowledgebase, and gain insights from other Software Integrity Group (SIG) customers. The many features included in the Community center around the following collaborative actions:

- Connect – Open support cases and monitor their progress, as well as, monitor issues that require Engineering or Product Management assistance
- Learn – Insights and best practices from other SIG product users to allow you to learn valuable lessons from a diverse group of industry leading companies. In addition, the Customer Hub puts all the latest product news and updates from Synopsys at your fingertips, helping you to better utilize our products and services to maximize the value of open source within your organization.
- Solve – Quickly and easily get the answers you're seeking with the access to rich content and product knowledge from SIG experts and our Knowledgebase.
- Share – Collaborate and connect with Software Integrity Group staff and other customers to crowdsource solutions and share your thoughts on product direction.

Access the Customer Success Community. If you do not have an account or have trouble accessing the system, click here to get started, or send an email to community.manager@synopsys.com.

Training

Synopsys Software Integrity, Customer Education (SIG Edu) is a one-stop resource for all your Black Duck education needs. It provides you with 24x7 access to online training courses and how-to videos.

New videos and courses are added monthly.

At Synopsys Software Integrity, Customer Education (SIG Edu), you can:

- Learn at your own pace.
- Review courses as often as you wish.
- Take assessments to test your skills.
- Print certificates of completion to showcase your accomplishments.

Learn more at https://community.synopsys.com/s/education.

Chapter 1: Overview

OpenShift™ is an orchestration tool from Red Hat used for managing cloud workloads through containers.

As of the 2019.4.0 Black Duck release, the sole supported method to install Black Duck on Kubernetes or OpenShift is Synopsys Operator.

Synopsys Operator is a cloud-native administration utility that assists in the deployment and management of Synopsys software in Kubernetes and OpenShift clusters. After Synopsys Operator is installed, you can leverage it to easily deploy and manage Synopsys software.

- Click here for an overview of Black Duck for Kubernetes/OpenShift.
- Click here for an overview of Synopsys Operator.
- Click here for documentation on installing and using Synopsys Operator.

If you are a customer using OpenShift and are using an install method other than the Synopsys Operator, please contact Synopsys Customer Support for migration assistance. Though a transition to the Synopsys Operator is very straightforward, our support team is available to provide additional aid in the migration to the Synopsys Operator.