BLACKDUCK

BY **SYNOPSYS**®

Installing Black Duck using Kubernetes

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Please send your comments and suggestions to:

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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 aboutthe new and improved features, resolved issues, and known issues in the current and previous releases.
Installing Black Duck using DockerSwarm	install_swarm.pdf	Contains information aboutinstalling and upgrading Black Duck using Docker Swarm.
Installing Black Duck using Kubernetes	install_kubernetes.pdf	Contains information aboutinstalling and upgrading Black Duck using Kubernetes.
Installing Black Duck using OpenShift	install_openshift.pdf	Contains information aboutinstalling and upgrading Black Duck using OpenShift.
Getting Started	getting_started.pdf	Provides first-time users with information on usingBlack Duck.
Scanning Best Practices	scanning_best_practices.pdf	Provides best practices forscanning.
Getting Started with the SDK	getting_started_sdk.pdf	Contains overview information and a sample use case.
Report Database	report_db.pdf	Contains information on using the report database.
User Guide	user_guide.pdf	Contains information onusing 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
- Phone: See the Contact Us section at the bottom of our [support page](#) to find your local phone number.

To open a support case, please log in to the Synopsys Software Integrity Community site at https://community.synopsys.com/s/contactsupport.

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.

Kubernetes is an orchestration tool used for managing cloud workloads through containers.

Installing using synopsysctl

Use synopsysctl to install Black Duck on Kubernetes or OpenShift.

Caution: Do not delete data from the Black Duck database (bds_hub) unless directed to do so by a Synopsys Technical Support representative. Be sure to follow appropriate backup procedures. Deletion of data will cause errors ranging from UI problems to complete failure of Black Duck to start. Synopsys Technical Support cannot recreate deleted data. If no backups are available, Synopsys will provide support on a best-effort basis.

Synopsysctl is a command line tool that assists in the deployment and management of Synopsys software in Kubernetes and OpenShift clusters. After synopsysctl is installed, you can leverage it to easily deploy and manage Synopsys software.

- Click here for an overview of synopsysctl.
- Click here for documentation about installing and using synopsysctl.

Installing Black Duck using Helm

A Helm chart describes a Kubernetes set of resources that are required for Helm to deploy Black Duck.

You can get the Helm charts in the public chart museum at
https://sig-repo.synopsys.com/artifactory/sig-cloudnative

Click here for instructions about installing Black Duck using Helm. The Helm chart bootstraps a Black Duck deployment on a Kubernetes cluster using Helm package manager.