Supported technologies for Agent Operator

Kubernetes / OpenShift support

For the latest supported technology information, see here[https://github.com/Contrast-Security-OSS/agent-operator#getting-started].

Kubernetes version	OpenShift version	Operator version	End-of-support
v1.31		v1.0.0+	2025-10-28
v1.30		v1.0.0+	2025-06-28
v1.29	v4.16	v1.0.0+	2025-02-28
v1.28	v4.15	v1.0.0+	2024-10-28
v1.27	v4.14	v1.0.0+	2024-06-28

- The Contrast Agent Operator follows the upstream Kubernetes community support policy[https://kubernetes.io/releases/patch-releases/#support-period]. End-of-life dates are documented on the Kubernetes releases[https://kubernetes.io/releases/#release-history] page.

- OpenShift support is dependent on the included version of Kubernetes. For example, OpenShift v4.10 uses Kubernetes v1.23 and will be supported by Contrast until 2023-02-28. See Red Hat's support article[https://access.redhat.com/solutions/4870701] for the mapping between Kubernetes and OpenShift versions.

- The Contrast Agent Operator Helm Chart requires Helm v3.11 or greater.

- The Contrast Agent Operator only supports executing on Linux amd64/arm64 hosts and will refuse to be scheduled onto incompatible nodes. Additionally, the operator only supports injecting workloads running on Linux amd64/arm64 hosts, even if the Contrast Agent supports additional platforms. Contact Contrast Support[https://support.contrastsecurity.com/hc/en-us] if Kubernetes on Windows is desired.

Agent types

Agent	Agent type	Support status	Compatibility notes
.NET Core	dotnet-core	Supported	Supported .NET Core technologies[-net-core-supported-technologies.html]
Java	java	Supported	Supported Java technologies[java-supported-technologies.html]
NodeJS	nodejs OR nodejs-legacy	Supported	Supported Node.js technologies[node-js-supported-technologies---legacy.html]
PHP	php	Beta	Supported PHP technologies[php-supported-technologies.html]
Python	python	Supported	Supported Python technologies[python-supported-technologies.html]
Flex	flex	Beta	

Note

- Injection of the Node.js agent may result in a substantial increase in the startup time of the instrumented application. If startup time is unacceptable, injecting the agent during compilation may be desirable. If the application was injected by the Node.js agent during compilation then injection during runtime by the operator should be disabled. See the rewriter CLI[node-js-agent-rewriter-cli.html] for more information.

- Use `nodejs` for NodeJS LTS >= 18.19.0 and `nodejs-legacy` for NodeJS LTS < 18.19.0

- Injection of a PHP application is in beta. Beta status means the feature might change or act unexpectedly. Using this feature, you agree to the Contrast Beta Terms and Conditions[beta-terms-and-conditions.html].

Was this helpful?

Yes No

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