Polaris support information

Supported platforms

Polaris APIs are compatible with any operating system and hardware that can connect to the Polaris server or APIs via HTTPS.

Browser support

The Polaris web UI can be accessed using a variety of browsers.

Browser	Versions	Provider
Firefox	Latest and latest - 1	Versions supported by Mozilla
Google Chrome	Latest and latest - 1	Versions supported by Google
Microsoft Edge	Latest and latest - 1	Versions supported by Windows 10
Safari	Latest and latest - 1	Versions supported by Apple

NOTE: Internet Explorer is not supported.

Supported file types and tests

Table 1:

Code Upload	Only scans using Coverity build less mode, doesn't require access to the build to scan
SCM	Only scans using Coverity build less mode, doesn't require access to the build to scan.
CLI	Scans using Coverity build less or CLI mode .

Table 2: SAST Language Support

Language	Language Versions	Code Upload (UI)	Git Integration	Synopsys Bridge (CLI)
APEX		Not Supported	Not Supported	Supported

C/C++	C++20	Not Supported	Not Supported	Supported
	C++98			
	C++03			
	C++11			
	C++14			
	C++17			
	C89			
	C99			
	C11			
C#	Up to C# 10	Supported	Supported	Supported
Go	Go 1.17–1.19	Not Supported	Not Supported	Supported
Java	Up to Java 18	Supported	Supported	Supported
JavaScript	ECMAScript 2022	Supported	Supported	Supported
Kotlin	Kotlin 1.6–1.6.21, 1.7.0	Not Supported	Not Supported	Supported
Objective-C/C++		Not Supported	Not Supported	Supported
PHP	PHP 7.0.0	Supported	Supported	Supported
Python	Python 3.x–3.10	Supported	Supported	Supported
Ruby	Matz's Reference Impl. (MRI) 1.9.2–2.6 and equivalents	Supported	Supported	Supported
Swift	Up to 5.7	Not Supported	Not Supported	Supported
TypeScript	TypeScript 1.0–4.3	Not Supported	Not Supported	Supported
Visual Basic	Up to Visual Basic 16	Not Supported	Not Supported	Supported

Table 3: Supported file types and tests

Name	Description
Languages	• Java • JavaScript • C# • Python • PHP • Ruby
Package managers	• Gradle • Maven • NuGet
On-demand test types	• SAST static application security testing • SCA software composition analysis

Table 4: SCA Language & Package Manager Support

	Code Upload (UI)	Git Integration	Synopsys Bridge (CLI)
Bazel	Not Supported	Not Supported	Supported
BitBake	Not Supported	Not Supported	Supported
Cargo	Not Supported	Not Supported	Supported
Carthage	Not Supported	Not Supported	Supported
C/C++ (Clang)	Not Supported	Not Supported	Supported
Conan	Not Supported	Not Supported	Supported
Conda	Not Supported	Not Supported	Supported
Dart	Not Supported	Not Supported	Supported
Erlang/Hex/Rebar	Not Supported	Not Supported	Supported
Git	Not Supported	Not Supported	Supported
GoLang	Not Supported	Not Supported	Supported
Gradle	Supported	Supported	Supported
Ivy (An)	Not Supported	Not Supported	Supported

Lerna	Not Supported	Not Supported	Supported
Maven	Supported	Supported	Supported
NPM	Not Supported	Not Supported	Supported
NuGet	Supported	Supported	Supported
pnpm	Not Supported	Not Supported	Supported
Python	Not Supported	Not Supported	Supported
SBT	Not Supported	Not Supported	Supported
Swift & Xcode	Not Supported	Not Supported	Supported
Yarn	Not Supported	Not Supported	Supported

Upload Limitations

Table 5: Upload limitations

Type	Size limits
Single file	1 GB
ZIP file	2 GB
Maximum file count	20,000 files

Supported Source Code Management (SCM) systems

Support matrix for SCM repositories that can be integrated into Polaris.

SCM	Offering	Plan/ Subscription	Deployment type	URL	Altair support
Github	Github Standard	Github Free Github Pro Github free for Organizations Github Team	Cloud	https:// github.com	YES First available in Altair GA
	GitHub Enterprise Cloud		Cloud	https:// github.com	YES First available in Altair GA
	GitHub Enterprise Server		Self Hosted	<variable>	NO

SCM	Offering	Plan/Subscription	Deployment type	URL	Altair support
Gitlab	Gitlab SaaS	Free Premium Ultimate	Cloud	https://gitlab.com	YES First available in Altair GA
	Gitlab self-managed	Core Premium Ultimate	on-premises or cloud	<variable>	NO