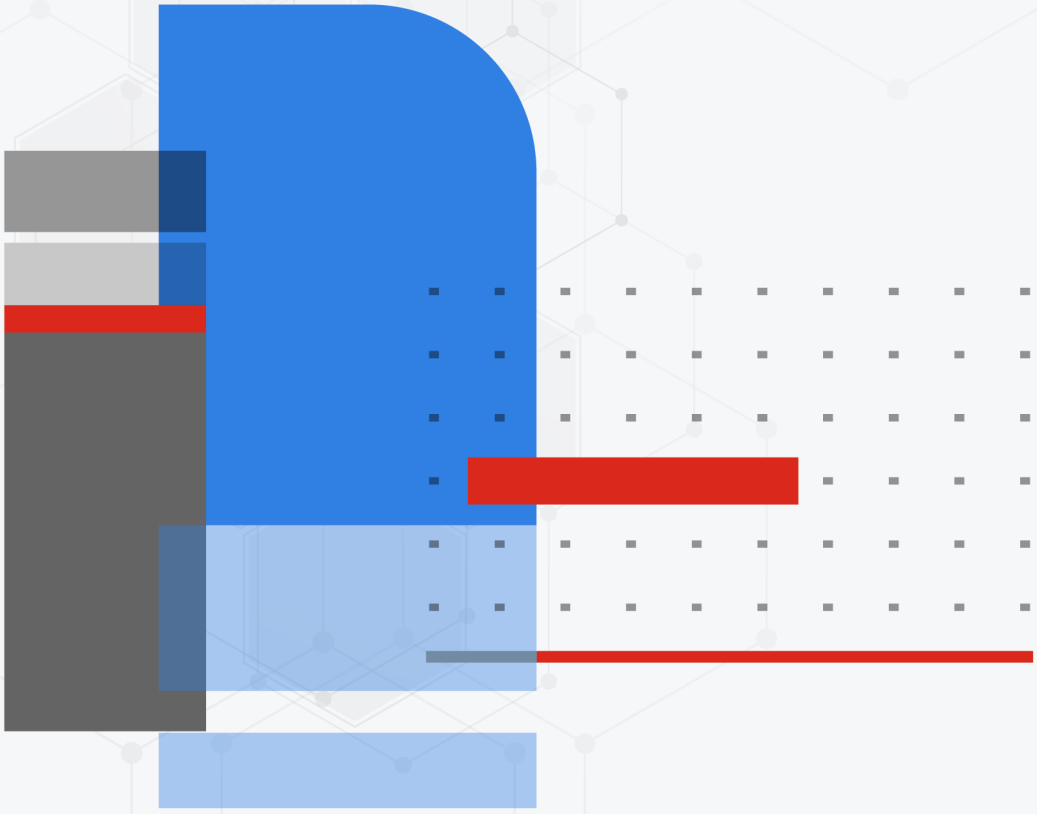
Release Notes

FortiDevSec 23.4.0



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November 09, 2023
FortiDevSec 23.4.0 Release Notes
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Change Log

Date	Change description
2023-11-09	FortiDevSec version 23.4.0 release document.

Introduction

FortiDevSec is a cloud-based automated application security tool that performs intensive and comprehensive scans for an accurate vulnerability assessment of your application. It integrates continuous application security testing into major DevOps Continuous Integration (CI) Continuous Deployment (CD) environments, embedding itself into the process of developing and deploying applications to evaluate and detect security gaps that you can mitigate/remediate in the course of the Software Development LifeCycle (SDLC). The automated scanning process resides in your CI/CD pipeline and allows you to scan your applications without manual intervention and is completely non-intrusive with no disruptions to your setup. The easy-to-understand application security assessment approach of FortiDevSec allows you to build secure applications and involves a simple 3-step procedure that facilitates application scanning with minimal know-how of the application security domain. For detailed product overview, configuration, and usage procedures see the *FortiDevSec User Guide*.

What's New

This release of FortiDevSec includes the following new features.

Feature	Description
C# .NET scanner	Added support for C# .Net SAST scanner.
FortiDAST plugin	Added FortiDAST plugin support to configure assets/URLs from the FortiDevSec application page or from new application creation page. **Note**: To perform DAST scan, uncomment the **dast** configuration in fdevsec.yaml file even when FortiDAST is configured through GUI plugin.
SECRET scanner enhancement	Enhanced SECRET scanner to support detection of the following: • Secrets redacted from report • Secrets from compressed archives • Personal identifiable information • Non-inclusive language
SCA scanner enhancement	The following enhancements are made to the SCA scanner: • Enhanced SBOM generator to detect additional SCA based vulnerabilities. • Added C# .Net language support.
SAST scanner enhancement	Added a new and improved custom C and C++ scanners to support Non-UTF8 code base. **Note**: Older C/C++ scan findings are incompatible with this scanner and will no longer be shown.
GitLab CI/CD integration	To enhance the permissions of FortiDevSec scanners, ENTRYPOINT is introduced in docker. However, this change has caused compatibility issues with Docker executor. Instead, we will be supporting **Shell executor** provided by GitLab Runner moving forward. Please refer to the latest user guide, for the updated GitLab CI/CD configuration.

Note: Scanner docker images must be updated using `docker pull <image>` command to the latest version to use the new features.

Product Integration and Support

The following table lists the latest supported/tested web browsers for FortiDevSec version 23.4.0:

Item	Supported version
Web browser	• Microsoft Edge version 115.0.1901.200 (Official build) (64-bit) • Mozilla Firefox version 116.0.2 • Google Chrome version 115.0.5790.171 (Official Build) (64-bit) • Apple Safari version 16.5.1(18615.2.9.11.7) Other web browsers may work correctly but Fortinet does not support them.

Resolved Issues

The following issues have been resolved inFortiDevSec version 23.4.0.

Issue ID	Description
861630	The FortiDAST asset scan configuration details can only be added by logging in to FortiDAST after performing the initial scan.
911613	The Software Bill of Materials (SBOM) result does not appear on the GUI when the name field begins with the '@' symbol.
966689	The license page is not displayed when a new licensed user logs in to the FortiDevSec dashboard for the first time.

Known Issues

The following are known issues in FortiDevSec version 23.4.0.

Issue ID	Description
891704	Scans initiated from the master user account on subuser's account fails if the subuser has not logged in to FortiDevSec GUI at least once.
962533	DevOps steps and CI/CD buttons are not functional on the DevOps landing page.
967598	DAST configuration in fdevsec.yaml file is commented when FortiDAST scan is configured through GUI plugin.

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