WhiteSource

WHITESOURCE'S UNIFIED AGENT

DATASHEET

THE CHALLENGE

The software development life cycle has become increasingly complex, requiring developers to work across a growing number of environments and tools on the way to releasing their products within tight schedules.

The growing variety of environments and tools that development teams are required to integrate demands developers spend valuable time on multiple configurations, maintenance, and updates.

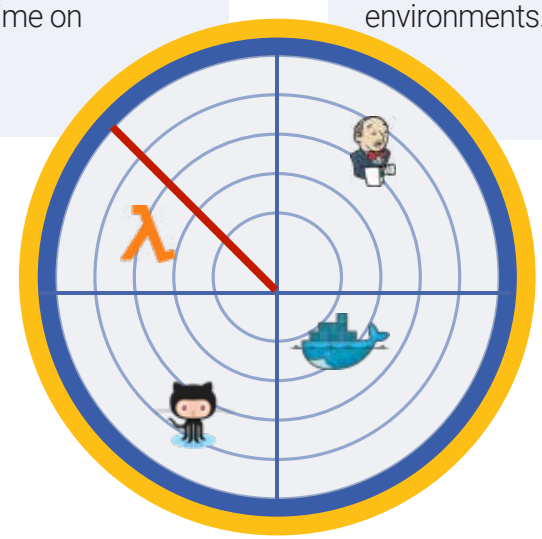
In order to make sure that they are not exposed to vulnerabilities, and ensure license and policy compliance, developers need a tracking tool that integrates seamlessly with all of the environments that they use, and provides support for all languages and package types without requiring them to spend time on maintenance.

THE SOLUTION

WhiteSource's Unified Agent is a stand-alone command line tool that developers can use for all integrations. It enables organizations to simplify their maintenance processes and remain updated while using centralized and templated configurations.

The Unified Agent supports over 700 file extensions, over 20 package managers, scans both local and remote repositories including binaries, source files, and archive files located in Docker images, containers, Linux packages, or serverless functions.

The Unified Agent can run simultaneously in multiple locations, and can be executed in various ways: from a command line as part of your CI/CD build tools, and inside containerized environments.



TOP BENEFITS

1 ONE SIZE FITS ALL

Use one single agent across the SDLC, for both local and remote projects. The Unified Agent supports over 200 languages across all environments, including containers, serverless, build tools, package managers, and Git, SVN or Mercurial-based repositories.

2 QUICK SET UP

Use a stand-alone tool for one-step setup.The Unified Agent provides automation practically out-of-the-box and without any scripting. Users can also wrap it with a few lines of script to enhance its capabilities and integrate it with an internal or external system.

3 QUALITY GATES

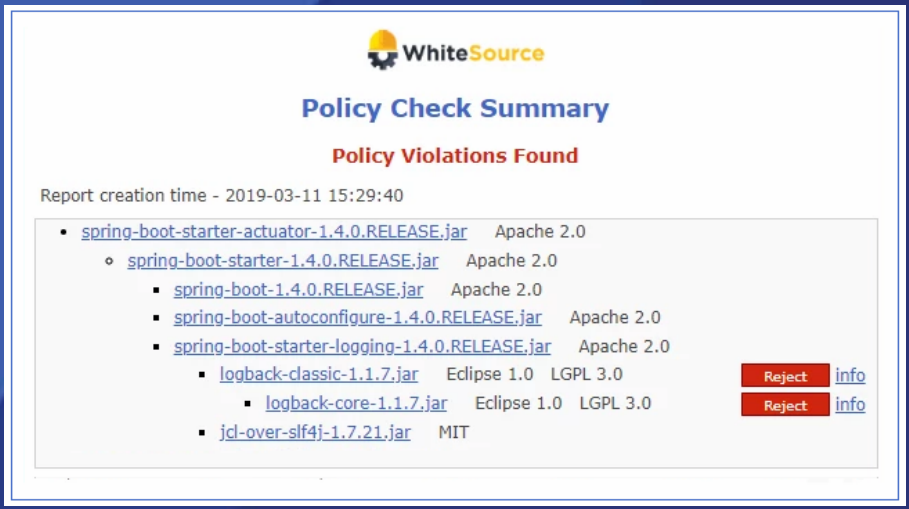
The Unified Agent supports quality gates which are automatic security and compliance thresholds that can be defined, set, and enforced automatically within the SDLC, integrating with build tools to ensure security and compliance.

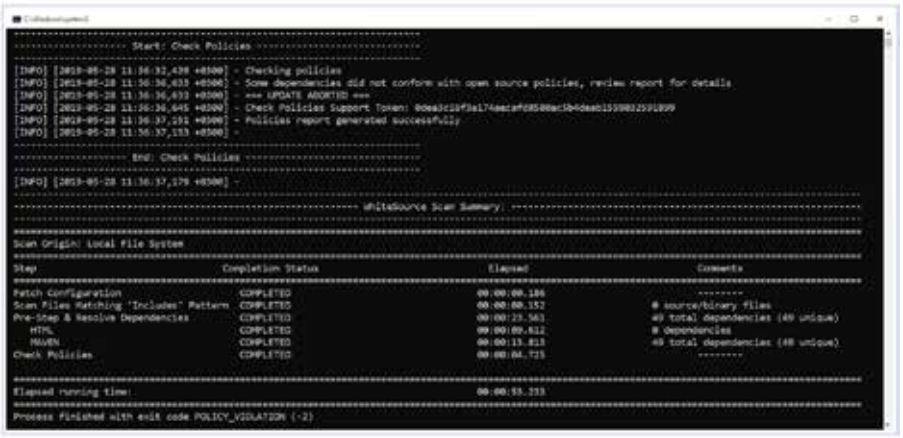
DATA SPECIFICATIONS

Languages	Supports over 200 languages
File extensions	Supports over 700 file extensions
Package managers	Supports over 20 package managers
Support for packages and source files	Scans both packages and source files
Docker support	Scans Docker images from various platforms (Amazon ECR, Google Container Registry, Artifactory, Azure ACR, Docker Hub)
Serverless Support	Scans Serverless functions
Policy enforcement	Enables automatic policy enforcement
Remote repository connection	Connects to remotes repositories via Git, SVN or Mercurial.
Archive files	Supports scanning archive files
Linux support	Scans Linux packages: Debian, RPM, Alpine and Arch Linux.

POLICY CHECK SUMMARY

Once policies are enforced — in this case, rejecting any libraries with Eclipse licenses, a policy violation report is generated, detailing any policy violations found.





SCAN SUMMARY

After a scan is performed, this summary is displayed, providing details about each sttep in the scan process:

SCAN RESULTS

All scan results and their details can be viewed in real-time on the WhiteSource home screen.