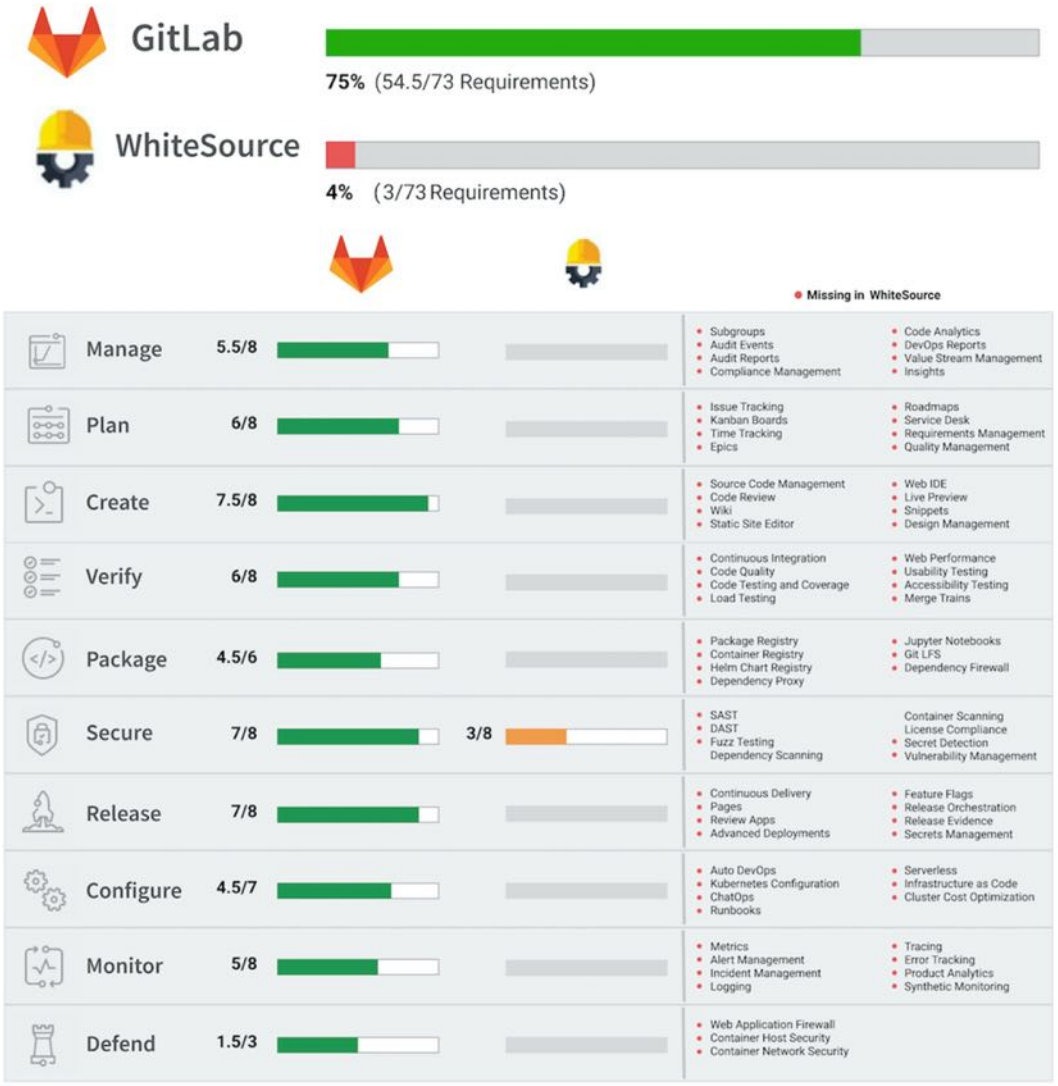
# GitLab vs whitesource

*Decision Kit*




WhiteSource scans open source code for security vulnerabilities. They claim to cover 200 programming languages. The Checkmarx dependency scanning relies on WhiteSource.

GitLab Ultimate automatically includes broad security scanning with every code commit including Static and Dynamic Application Security Testing, along with dependency scanning, container scanning, and license management.

## Feature Comparison

FEATURES

### Static Application Security Testing

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GitLab allows easily running Static Application Security Testing (SAST) in CI/CD pipelines; checking for vulnerable source code or well known security bugs in the libraries that are included by the application. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about Static Application Security Testing

✗ | ✓ supports 18 languages

### Secret Detection

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GitLab allows you to perform Secret Detection in CI/CD pipelines; checking for unintentionally committed secrets and credentials. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about Secret Detection

✗ | ✓

### Dependency Scanning

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GitLab automatically detects well known security bugs in the libraries that are included by the application, protecting your application from vulnerabilities that affect dependencies that are used dynamically. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about Dependency Scanning

✓ | ✓

### Container Scanning

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When building a Docker image for your application, GitLab can run a security scan to ensure it does not have any known vulnerability in the environment where your code is shipped. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about container scanning

✓ | ✓

### Dynamic Application Security Testing

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Once your application is online, GitLab allows running Dynamic Application Security Testing (DAST) in CI/CD pipelines; your application will be scanned to ensure threats like XSS or broken authentication flaws are not affecting it. Results are then shown in the Merge Request and in the Pipeline view. This feature is available as part of Auto DevOps to provide security-by-default.

Learn more about application security for containers

✗ | ✓

### Interactive Application Security Testing

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IAST combines elements of static and dynamic application security testing methods to improve the overall quality of the results. IAST typically uses an agent to instrument the application to monitor library calls and more. GitLab does not yet offer this feature.

✗ | ✗

### Cloud Native Network Firewall

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Cloud native network firewall provides container-level network micro segmentation which isolates container network communications to limit the “blast radius” of compromise to a specific container or microservice. A container-aware virtual firewall identifies valid traffic flows between app components in your cluster and limits damage by preventing attackers from moving through your environment

✗ | ✓

when they have already compromised one part of it.

Learn more about Container Network Security

### License Compliance

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Check that licenses of your dependencies are compatible with your application, and approve or deny them. Results are then shown in the Merge Request and in the Pipeline view.


Learn more about License Compliance

### On-demand Dynamic Application Security Testing

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"There's no reason to wait for the next CI pipeline run to find out if your site if vulnerable or to reproduce a previously found vulnerability. GitLab offers scanning your running application with On-demand Dynamic Application Security Testing (DAST), independent of code changes or merge requests."


Learn more about On-demand DAST

Get Your Free Trial