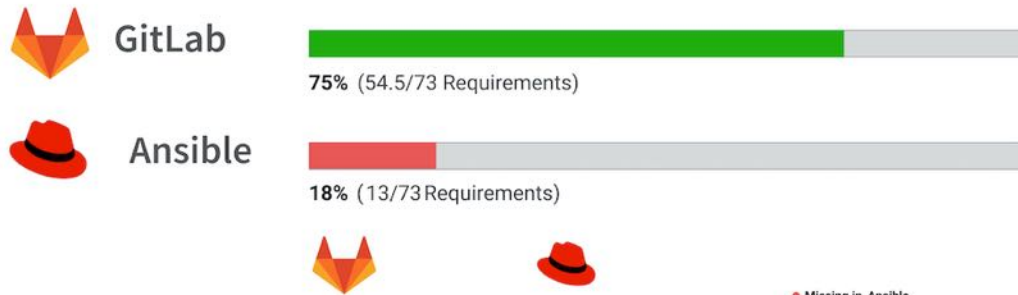


# GitLab vs Ansible

## Decision Kit



Category	GitLab Score	GitLab Progress	Ansible Score	Ansible Progress	Missing in Ansible
<b>Manage</b>	5.5/8	<div style="width: 69%;"></div>	4/8	<div style="width: 50%;"></div>	<ul style="list-style-type: none"> <li>Subgroups</li> <li>Audit Events</li> <li>Audit Reports</li> <li>Compliance Management</li> <li>Code Analytics</li> <li>DevOps Reports</li> <li>Value Stream Management</li> <li>Insights</li> </ul>
<b>Plan</b>	6/8	<div style="width: 75%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> <li>Issue Tracking</li> <li>Kanban Boards</li> <li>Time Tracking</li> <li>Epics</li> <li>Roadmaps</li> <li>Service Desk</li> <li>Requirements Management</li> <li>Quality Management</li> </ul>
<b>Create</b>	7.5/8	<div style="width: 94%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> <li>Source Code Management</li> <li>Code Review</li> <li>Wiki</li> <li>Static Site Editor</li> <li>Web IDE</li> <li>Live Preview</li> <li>Snippets</li> <li>Design Management</li> </ul>
<b>Verify</b>	6/8	<div style="width: 75%;"></div>	1/8	<div style="width: 12.5%;"></div>	<ul style="list-style-type: none"> <li>Continuous Integration</li> <li>Code Quality</li> <li>Code Testing and Coverage</li> <li>Load Testing</li> <li>Web Performance</li> <li>Usability Testing</li> <li>Accessibility Testing</li> <li>Merge Trains</li> </ul>
<b>Package</b>	4.5/6	<div style="width: 75%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> <li>Package Registry</li> <li>Container Registry</li> <li>Helm Chart Registry</li> <li>Dependency Proxy</li> <li>Jupyter Notebooks</li> <li>Git LFS</li> <li>Dependency Firewall</li> </ul>
<b>Secure</b>	7/8	<div style="width: 87.5%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> <li>SAST</li> <li>DAST</li> <li>Fuzz Testing</li> <li>Dependency Scanning</li> <li>Container Scanning</li> <li>License Compliance</li> <li>Secret Detection</li> <li>Vulnerability Management</li> </ul>
<b>Release</b>	7/8	<div style="width: 87.5%;"></div>	3/8	<div style="width: 37.5%;"></div>	<ul style="list-style-type: none"> <li>Continuous Delivery</li> <li>Pages</li> <li>Review Apps</li> <li>Advanced Deployments</li> <li>Feature Flags</li> <li>Release Orchestration</li> <li>Release Evidence</li> <li>Secrets Management</li> </ul>
<b>Configure</b>	4.5/7	<div style="width: 64.3%;"></div>	4/7	<div style="width: 57.1%;"></div>	<ul style="list-style-type: none"> <li>Auto DevOps</li> <li>Kubernetes Configuration</li> <li>ChatOps</li> <li>Runbooks</li> <li>Serverless</li> <li>Infrastructure as Code</li> <li>Cluster Cost Optimization</li> </ul>
<b>Monitor</b>	5/8	<div style="width: 62.5%;"></div>	2/8	<div style="width: 25%;"></div>	<ul style="list-style-type: none"> <li>Metrics</li> <li>Alert Management</li> <li>Incident Management</li> <li>Logging</li> <li>Tracing</li> <li>Error Tracking</li> <li>Product Analytics</li> <li>Synthetic Monitoring</li> </ul>
<b>Defend</b>	1.5/3	<div style="width: 50%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> <li>Web Application Firewall</li> <li>Container Host Security</li> <li>Container Network Security</li> </ul>

Ansible is an automation language and tool that can be used for configuration management and infrastructure provisioning. It enables deployment and maintenance of state for large scale infrastructure. Ansible excels as managing legacy infrastructure like physical servers and VMs. Although Ansible provides container support with Docker integration, Ansible does not implement Kubernetes natively and instead relies on a module to support Kubernetes.

GitLab is a complete DevOps platform, delivered as a single application that includes not only configuration management, but also capabilities for project management, source code management, CI/CD, and monitoring. GitLab is designed for Kubernetes and cloud native applications.

GitLab can be used together with Ansible to enable VM and bare metal configuration management. For Cloud Native applications run on Kubernetes, Ansible is not required and GitLab can provide all the functionality natively.

# Feature Comparison



## FEATURES

### AD / LDAP integration

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Sync groups, manage SSH-keys, manage permissions, authentication and more. You can manage an entire GitLab instance through the LDAP / AD integration.



[More information about AD / LDAP integration](#)

### Granular user roles and flexible permissions

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Manage access and permissions with five different user roles and settings for external users. Set permissions according to people's role, rather than either read or write access to a repository. Don't share the source code with people that only need access to the issue tracker.



[Learn more about User Roles](#)

### Cloud Native

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab and its CI/CD is Cloud Native, purpose built for the cloud model. GitLab can be easily deployed on Kubernetes and used to deploy your application to Kubernetes with support out of the box.



[Kubernetes integration](#)

### Auto DevOps

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Auto DevOps brings DevOps best practices to your project by automatically configuring software development lifecycles by default. It automatically detects, builds, tests, deploys, and monitors applications.



[Read more about Auto DevOps in the documentation](#)

### Deploy Boards

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Premium ships with Deploy Boards offering a consolidated view of the current health and status of each CI/CD environment running on Kubernetes. The status of each pod of your latest deployment is displayed seamlessly within GitLab without the need to access Kubernetes.



[Learn more about Deploy Boards](#)

### Canary Deployments

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Premium can monitor your Canary Deployments when deploying your applications with Kubernetes.



[Learn more about configuring Canary Deployments](#)

### Configuration Modeling

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

CM modeling is the concept to consolidate the interactions between IT service assets, configuration items and infrastructure. Shows the interaction and relationship of services, infrastructure, and assets with each other, it will ease to find the root cause of an incident and problem.



### Configuration Automation

CORE STARTER PREMIUM ULTIMATE  
 FREE BRONZE SILVER GOLD



Configure Management automation is used to make the server reach a desirable state, previously defined by provisioning scripts using a tool's specific language and features ensuring that every system you're responsible for is configured accurately and consistently.

### Configure Monitoring

CORE STARTER PREMIUM ULTIMATE  
 FREE BRONZE SILVER GOLD



CM monitoring includes the process of recording and reporting configuration item descriptions (e.g., hardware, software, firmware, etc.) and all departures from the baseline during design and production. In the event of discovered problems, the verification of baseline configuration and approved modifications can be quickly determined.

### Configure Governance

CORE STARTER PREMIUM ULTIMATE  
 FREE BRONZE SILVER GOLD



CM governance is a review that assesses compliance with established performance requirements, commercial and appropriate government standards, and functional, allocated, and product baselines. Configuration governance confirm that the system and subsystem configuration documentation complies with the functional and physical performance characteristics before acceptance into an architectural baseline.

Get Your Free Trial



#### Why GitLab?

- Product
- Solutions
- Services
- DevOps lifecycle
- DevOps tools
- Is it any good?
- Releases
- Pricing
- Get started

#### Resources

- All resources
- All-Remote
- Blog
- Newsletter
- Events
- Webcasts
- Topics
- Training
- Docs
- Install

#### Community

- Customers
- Contribute
- Partners
- Channel Partners
- Explore repositories
- Source code
- Shop
- Direction
- Contributors
- Core Team
- Hall of fame
- Community Forum

#### Support

- Get help
- Contact Sales
- Contact Support
- Support options
- Status
- Customers portal

#### Company

- About
- What is GitLab?
- Jobs
- Culture
- Team
- Press
- Analysts
- Handbook
- Security
- Contact
- Terms
- Privacy
- Trademark

Git is a trademark of Software Freedom Conservancy and our use of 'GitLab' is under license