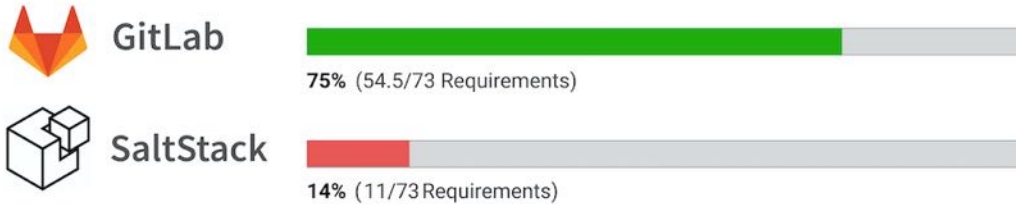


GitLab vs Saltstack

Decision Kit



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

Summary

SaltStack Platform is a Python-based open-source configuration management software and remote execution engine. Supporting the “Infrastructure as Code” approach to deployment and cloud management, the configuration management and orchestration tool enables system administrators to automate server provisioning and management tasks. The master-slave architecture of Salt permit it to work as both a push and a pull system.

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.

Resources

- [SaltStack website](#)
- [SaltStack Wikipedia](#)

Feature Comparison



FEATURES

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

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.



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Why GitLab?

Resources

Community

Support

Company

Product	All resources	Customers	Get help	About
Solutions	All-Remote	Contribute	Contact Sales	What is GitLab?
Services	Blog	Partners	Contact Support	Jobs
DevOps lifecycle	Newsletter	Channel Partners	Support options	Culture
DevOps tools	Events	Explore repositories	Status	Team
Is it any good?	Webcasts	Source code	Customers portal	Press
Releases	Topics	Shop		Analysts
Pricing	Training	Direction		Handbook
Get started	Docs	Contributors		Security
	Install	Core Team		Contact
		Hall of fame		Terms
		Community Forum		Privacy
				Trademark

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