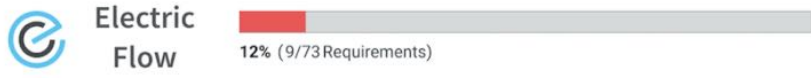


GitLab vs Electric Flow

Decision Kit



Category	GitLab Score	GitLab Progress	Electric Flow Score	Electric Flow Progress	Missing in Electric Flow
Manage	5.5/8	<div style="width: 69%;"></div>	2/8	<div style="width: 25%;"></div>	<ul style="list-style-type: none"> Subgroups Audit Events Audit Reports Compliance Management Code Analytics DevOps Reports Value Stream Management Insights
Plan	6/8	<div style="width: 75%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> Issue Tracking Kanban Boards Time Tracking Epics Roadmaps Service Desk Requirements Management Quality Management
Create	7.5/8	<div style="width: 94%;"></div>		<div style="width: 0%;"></div>	<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	<div style="width: 75%;"></div>	1/8	<div style="width: 12.5%;"></div>	<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	<div style="width: 75%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> Package Registry Container Registry Helm Chart Registry Dependency Proxy Jupyter Notebooks Git LFS Dependency Firewall
Secure	7/8	<div style="width: 88%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> SAST DAST Fuzz Testing Dependency Scanning Container Scanning License Compliance Secret Detection Vulnerability Management
Release	7/8	<div style="width: 88%;"></div>	6/8	<div style="width: 75%;"></div>	<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	<div style="width: 64%;"></div>	1/7	<div style="width: 14.3%;"></div>	<ul style="list-style-type: none"> Auto DevOps Kubernetes Configuration ChaosOps Runbooks Serverless Infrastructure as Code Cluster Cost Optimization
Monitor	5/8	<div style="width: 62.5%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> Metrics Alert Management Incident Management Logging Tracing Error Tracking Product Analytics Synthetic Monitoring
Defend	1.5/3	<div style="width: 50%;"></div>		<div style="width: 0%;"></div>	<ul style="list-style-type: none"> Web Application Firewall Container Host Security Container Network Security

Summary

Electric Cloud ElectricFlow is a platform which provides deployment automation, release orchestration, and DevOps insights to help organizations deliver better software faster. The base platform (formerly known as Electric Commander) is used by many organizations to automate their CI/CD pipelines.

Although Electric Cloud claims complete end to end DevOps, the platform requires a lot of integration to other tools in the tool chain in order to supplement functionality, as do just about all CI/CD point tools. In contrast, GitLab come pre-integrated with fundamental and extended functionality built-in across the DevOps lifecycle. An example is with security tools, where other CI/CD vendors such as Electric Cloud claim DevSecOps, they merely integrate to 3rd party security tools and maybe provide a dashboard. GitLab comes with many security scanning capabilities built-in.

Feature Comparison

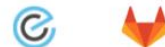
FEATURES

Environments and deployments

- CORE
- STARTER
- PREMIUM
- ULTIMATE
- FREE
- BRONZE
- SILVER
- GOLD

GitLab CI is capable of not only testing or building your projects, but also deploying them in your infrastructure, with the added benefit of giving you a way to track your deployments. Environments are like tags for your CI jobs, describing where code gets deployed.

[Learn more about environments](#)



Per-environment permissions

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Developers and QA can deploy to their own environments on demand while production stays locked down. Build engineers and ops teams spend less time servicing deploy requests, and can gate what goes into production.



[Learn about protected branches in GitLab](#)

Environments history

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Environments history allows you to see what is currently being deployed on your servers, and to access a detailed view for all the past deployments. From this list you can also re-deploy the current version, or even rollback an old stable one in case something went wrong.



[Learn more about history of an environment](#)

Environment-specific variables

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Limit the environment scope of a variable by defining which environments it can be available for.



[Learn how to configure environment-specific variables](#)

Group-level variables

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Define variables at the group level and use them in any project in the group.

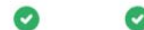


[Learn how to configure variables](#)

Object storage for artifacts

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Artifacts can be stored on Object Storage (Amazon S3)



[Learn how to store artifacts on object storage](#)

Run CI/CD jobs on Windows

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Runner supports Windows and can run jobs natively on this platform. You can automatically build, test, and deploy Windows-based projects by leveraging PowerShell or batch files.



[Install GitLab Runner on Windows](#)

Run CI/CD jobs on macOS

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Runner supports macOS and can run jobs natively on this platform. You can automatically build, test, and deploy for macOS based projects by leveraging shell scripts and command line tools.



[Install GitLab Runner on macOS](#)

Run CI/CD jobs on Linux ARM

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Runner supports Linux operating systems on ARM architectures and can run jobs natively on this platform. You can automatically build, test, and deploy for Linux ARM based projects by leveraging shell scripts and command line tools.

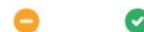


[Install GitLab Runner on Linux](#)

Run CI/CD jobs on FreeBSD

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Runner supports FreeBSD and can run jobs natively on this platform. You can automatically build, test, and deploy for FreeBSD-based projects by leveraging shell scripts and command line tools.



[Install GitLab Runner on FreeBSD](#)

Details on duration for each command execution in GitLab CI/CD

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Other CI systems show execution time for each single command run in CI jobs, not just the overall time. We're reconsidering how job output logs are managed in order to add this feature as well.



[Read more on the issue](#)

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](#)

Protected Runners

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

Protected Runners allow you to protect your sensitive information, for example deployment credentials, by allowing only jobs running on protected branches to access them.



[Read more on the issue](#)

Globally distributed cloning with GitLab Geo

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

When development teams are spread across two or more geographical locations, but their GitLab instance is in a single location, fetching and cloning large repositories can take a long time. Built for distributed teams, GitLab Geo allows for read-only mirrors of your GitLab instance, reducing the time it takes to clone and fetch large repos and improving your collaboration process.



[Learn more about GitLab Geo](#)

Support for Scaled GitLab

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab Premium includes support for scaling GitLab services across multiple nodes to manage demands on your system and provide redundancy. GitLab has developed reference architectures so you can easily determine the optimal architecture for your needs.



[Learn more about scaling GitLab](#)

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](#)

Timed and manual incremental rollout deployments

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab can allow you to deploy a new version of your app on Kubernetes starting with just a few pods, and then increase the percentage if everything is working fine. This can be configured to proceed per a schedule or to pause for input to proceed.



[Learn more about configuring incremental rollout deployments](#)

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](#)

Minimal CI/CD configuration

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab CI/CD requires less configuration for your pipelines than other similar setups like Jenkins.



[Learn more about GitLab CI/CD](#)

Multiple integrations

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD

GitLab can integrate with Authentication and Authorization (LDAP / AD) mechanisms, multiple 3rd party services, CI/CD, and other tools such as ALM, PLM, Agile and Automation tools.



[Learn more about GitLab's integrations](#)

Easy upgrade process

CORE	STARTER	PREMIUM	ULTIMATE
FREE	BRONZE	SILVER	GOLD



Using our official Linux repositories or the official Docker image, upgrading GitLab is a breeze.



[Learn how to upgrade your GitLab instance](#)

Community based, users can help shape the product



GitLab has open issue trackers for almost all of its operations. From GitLab itself to infrastructure and marketing, you can help shape the product.

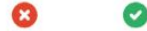


[View all GitLab contributors](#)

Kubernetes Cluster Monitoring



Monitor key metrics of your connected Kubernetes cluster.



[Learn more about Cluster Monitoring](#)

ChatOps



Execute common actions directly from chat, with the output sent back to the channel.



[Learn more about ChatOps](#)

Enforced Two-factor Authentication (2FA)



Two-factor authentication secures your account by requiring a second confirmation, in addition to your password. That second step means your account stays secure even if your password is compromised. The ability to enforce 2FA provides further security by making sure all users are using it.



[Learn more about Enforced GitLab 2FA](#)

Domain Specific Language



A Domain Specific Language (DSL) for defining infrastructure configuration allows thinking in resources, not files or commands to write declarative rather than procedural code.



[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