Spinnaker is an open source, multi-cloud continuous delivery platform for releasing software changes with high velocity and confidence. Created at Netflix, it has been battle-tested in production by hundreds of teams over millions of deployments. It combines a powerful and flexible pipeline management system with integrations to the major cloud providers. (**source:**)

Like Spinnaker, GitLab is also open source and also provides a flexible CD pipeline management system, is able to deploy to major cloud providers, and also offers advanced deployment patterns such as canary and incremental (rolling) deployments. In addition to this, GitLab provides not just the CD portion of the SDLC, but also everything else from planning, to CI, to testing, packaging, monitoring, and security scanning, all in a single application.

FEATURES	Spinnaker	
Built-in CI/CD		
GitLab has built-in Continuous Integration/Continuous Delivery, for free, no need to install it separately. Use it to build, test, and deploy your website (GitLab Pages) or webapp. The job results are displayed on merge requests for easy access.	×	0
Learn more about CI/CD		
A comprehensive API		
GitLab provides APIs for most features, allowing developers to create deeper integrations with the product.	Ø	0
Read our API Documentation		
Built for containers and Docker		
GitLab ships with its own Container Registry, Docker CI Runner, and is ready for a complete CI/CD container workflow. There is no need to install, configure, or maintain additional plugins.	•	0
Container debugging with an integrated web terminal		
Easily debug your containers in any of your environments using the built-in GitLab Web Terminal. GitLab can open a terminal session directly from your environment if your application is deployed on Kubernetes. This is a very powerful feature where you can quickly debug issues without leaving the comfort of your web browser.	8	0
Learn more about the web terminal		

Comprehensive pipeline graphs

Pipelines can be complex structures with many sequential and parallel jobs. To make it a little easier to see what is going on, you can view a graph of a single pipeline and its status.	×	
Learn more about pipeline graphs		
Browsable artifacts		
With GitLab CI you can upload your job artifacts in GitLab itself without the need of an external service. Because of this, artifacts are also browsable through GitLab's web interface.	8	O
Learn more about using job artifacts in your project		
Scheduled triggering of pipelines		
You can make your pipelines run on a schedule in a cron-like environment.	O	\bigcirc
Learn how to trigger pipelines on a schedule in GitLab		
Multi-project pipeline graphs		
With multi-project pipeline graphs you can see how upstream and downstream pipelines are linked together for projects that are linked to others via triggers as part of a more complex design, as it is for micro-services architecture.	×	⊘
Learn more about multi-project pipeline graphs		
Environments and deployments		
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		
Auto DevOps		
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		
Canary Deployments		
GitLab Enterprise Edition Premium can monitor your Canary Deployments when deploying your applications with Kubernetes.		•

Learn more about configuring Canary Deployments