

GitLab 16.2 - All Features (Self-managed)

| Feature | Core | Premium | Ultimate | Category1 | Category2 |
|---|------|---------|----------|------------------------|------------------------|
| Restrict access by IP address | | v | v | system_access | |
| Branch rules overview | v | v | v | source_code_management | |
| Free CI/CD with GitLab hosted or self-managed Runners | v | v | v | continuous_integration | |
| Community Assistance | v | v | v | various | |
| Built-in CI/CD | v | v | v | continuous_integration | |
| Innersourcing | v | v | v | various | |
| Project import from various external systems | v | v | v | importers | |
| Ease of migration from other providers | v | v | v | importers | source_code_management |
| Group migration between GitLab instances | v | v | v | importers | |
| Project migration between GitLab instances | v | v | v | importers | |
| Project exports | v | v | v | importers | |
| Issues | v | v | v | team_planning | |
| Tasks | v | v | v | team_planning | |
| Description Templates | v | v | v | team_planning | code_review_workflow |
| Check Lists | v | v | v | team_planning | code_review_workflow |
| File Attachments | v | v | v | team_planning | code_review_workflow |
| Emoji reactions | v | v | v | team_planning | code_review_workflow |
| GitLab Flavored Markdown | v | v | v | team_planning | code_review_workflow |
| Threaded Discussions | v | v | v | team_planning | code_review_workflow |
| Filterable System Activity | v | v | v | team_planning | code_review_workflow |
| Track Title Changes | v | v | v | team_planning | code_review_workflow |
| Labels | v | v | v | team_planning | |
| Prioritized Labels | v | v | v | team_planning | |
| Scoped Labels | | v | v | team_planning | |
| Issue Weights | | v | v | team_planning | |
| Milestones | v | v | v | team_planning | |
| Iteration Cadences | | v | v | team_planning | |
| Issue Due Dates | v | v | v | team_planning | |
| Assignee | v | v | v | team_planning | code_review_workflow |
| Multiple Issue Assignees | | v | v | team_planning | |
| Lock Discussion | v | v | v | team_planning | code_review_workflow |
| Confidential Issues | v | v | v | team_planning | |
| Issue Dependencies | | v | v | team_planning | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|---|---|---|---|----------------------|------------------------|
| Linked Issues | v | v | v | team_planning | |
| Move Issue to Another Project | v | v | v | team_planning | |
| Mark Issue as Duplicate | v | v | v | team_planning | |
| Anticipate Duplicate Issue | v | v | v | team_planning | |
| New Issue via Email | v | v | v | team_planning | |
| Bulk Edit Issues | v | v | v | team_planning | |
| Epic Boards | | v | v | portfolio_management | |
| Bulk Edit Epics | | v | v | portfolio_management | |
| Bulk Edit Merge Requests | v | v | v | code_review_workflow | |
| Export Issues CSV file | v | v | v | team_planning | |
| Import Issues CSV file | v | v | v | team_planning | |
| Burnup Charts | | v | v | team_planning | |
| Burndown Charts | | v | v | team_planning | |
| Quick Actions | v | v | v | team_planning | code_review_workflow |
| Custom Notifications | v | v | v | team_planning | code_review_workflow |
| To-Do List | v | v | v | team_planning | code_review_workflow |
| Custom Text in Emails | | v | v | team_planning | |
| Sub-addressing Email Servers | v | v | v | team_planning | |
| Catch-all Email Mailboxes | v | v | v | team_planning | |
| Jira Integration | v | v | v | team_planning | source_code_management |
| Jira Issues Integration | v | v | v | integrations | team_planning |
| Jira Issues Importer | v | v | v | integrations | team_planning |
| Jira Development Panel Integration | v | v | v | integrations | team_planning |
| Track Description Changes | | v | v | team_planning | code_review_workflow |
| Project Issue Board | v | v | v | team_planning | |
| Group Issue Board | v | v | v | team_planning | |
| Multiple Project Issue Boards | v | v | v | team_planning | |
| Multiple Group Issue Boards | | v | v | team_planning | |
| Total Issue Count per Issue Board List | v | v | v | team_planning | |
| Total Issue Weight per Issue Board List | | v | v | team_planning | |
| Issue Board Label Lists | v | v | v | team_planning | |
| Issue Board Assignee Lists | | v | v | team_planning | |
| Issue Board Milestone Lists | | v | v | team_planning | |
| Issue Board Configuration | | v | v | team_planning | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|--|---|---|---|-------------------------|-------------------------|
| Issue Board Focus Mode | v | v | v | team_planning | |
| Reorder Issues in Issue Board List | v | v | v | team_planning | |
| Add Multiple Issues to Project Issue Board | v | v | v | team_planning | |
| New Issue in Issue Board List | v | v | v | team_planning | |
| Time Tracking | v | v | v | team_planning | |
| Track Time Spent | v | v | v | team_planning | |
| Track Estimated Time Required | v | v | v | team_planning | |
| Single level Epics | | v | v | portfolio_management | |
| Multi-level Epics | | | v | portfolio_management | |
| Confidential Epics | | v | v | portfolio_management | |
| Reorder Issues in Epic Tree | | v | v | portfolio_management | |
| Issue and Epic Health Reporting | | | v | portfolio_management | |
| Epic Fixed Dates | | v | v | portfolio_management | |
| Epic Dynamic Dates | | v | v | portfolio_management | |
| Promote Issue to Epic | | v | v | portfolio_management | |
| Linked Epics | | | v | portfolio_management | |
| Roadmaps | | v | v | portfolio_management | |
| Portfolio-level Roadmaps | | | v | portfolio_management | |
| Planning hierarchy | | v | v | portfolio_management | |
| DevOps Pipeline | v | v | v | portfolio_management | |
| Value Stream Management | / | v | v | value_stream_management | |
| Issue Analytics | | v | v | team_planning | value_stream_management |
| Requirements Management | | | v | requirements_management | |
| Satisfy Requirements from CI/CD pipelines | | | v | requirements_management | |
| Import & Export Requirements | | | v | requirements_management | |
| Quality Management | | | v | quality_management | |
| Create test cases from within GitLab | | | v | quality_management | |
| Portfolio Management | | | v | various | |
| Powerful branching | v | v | v | source_code_management | |
| Protected branches | v | v | v | source_code_management | |
| Commit graph and reporting tools | v | v | v | source_code_management | |
| Required Merge Request Approvals | | v | v | source_code_management | |
| Multiple approvers in code review | | v | v | source_code_management | code_review_workflow |
| Approval rules for code review | | v | v | source_code_management | code_review_workflow |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|---|---|---|---|------------------------|----------------------|
| Repository pull and bidirectional mirroring | | v | v | source_code_management | |
| Create new branches from issues | v | v | v | source_code_management | |
| Allow edits from upstream maintainers in a fork | v | v | v | source_code_management | |
| Search files with fuzzy file finder | v | v | v | source_code_management | |
| Push rules | | v | v | source_code_management | |
| Block secret file push | | v | v | source_code_management | |
| Fast-forward merge with option to rebase | v | v | v | source_code_management | |
| Squash and merge | v | v | v | source_code_management | |
| Remote repository push mirroring | v | v | v | source_code_management | |
| Reject unsigned commits | | v | v | source_code_management | |
| Verified Committer | | v | v | source_code_management | |
| Xcode integration | v | v | v | source_code_management | |
| Cherry-picking changes | v | v | v | source_code_management | |
| Sign Commits with GPG | v | v | v | source_code_management | |
| Sign Commits with SSH | v | v | v | source_code_management | |
| Sign Commits and Tags with X.509 | v | v | v | source_code_management | |
| Restrict push and merge access | | v | v | source_code_management | |
| Protected tags | v | v | v | source_code_management | |
| Git tags | v | v | v | source_code_management | |
| Git LFS 2.0 support | v | v | v | source_code_management | |
| Keep personal email private | v | v | v | source_code_management | |
| Download single repository files | v | v | v | source_code_management | |
| Instance file templates | | v | v | source_code_management | pipeline_composition |
| Group file templates | | v | v | source_code_management | pipeline_composition |
| AsciiDoc | v | v | v | source_code_management | |
| S/MIME Signed Commits | v | v | v | source_code_management | |
| Optional Merge Request Approvals | v | v | v | source_code_management | code_review_workflow |
| Code Owners | | v | v | source_code_management | code_review_workflow |
| Suggest changes to merge requests | v | v | v | code_review_workflow | |
| Multi-line diff comments | v | v | v | code_review_workflow | |
| Image Discussions | v | v | v | code_review_workflow | |
| Merge Request Commit Discussions | v | v | v | code_review_workflow | |
| Create merge request from email | v | v | v | code_review_workflow | |
| First time contributor badge | v | v | v | code_review_workflow | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|--|---|---|---|----------------------|---------------|
| Cleaner diffs for Jupyter Notebook files | v | v | v | code_review_workflow | |
| Improved rich text editor suggest changes experience | v | v | v | various | |
| Comment Templates | v | v | v | code_review_workflow | team_planning |
| GitLab CLI - `glab` | v | v | v | gitlab_cli | |
| Clone project inside Visual Studio Code | v | v | v | web_ide | |
| Open project in Visual Studio Code | v | v | v | web_ide | |
| Insert Snippets directly in Visual Studio Code | v | v | v | web_ide | |
| View issues and merge requests in Visual Studio Code | v | v | v | web_ide | |
| View merge request changes in VS Code | v | v | v | web_ide | |
| Autocomplete GitLab CI Variables in VS Code | v | v | v | web_ide | |
| View code review comments in VS Code | v | v | v | web_ide | |
| Merge request reviews in VS Code | v | v | v | web_ide | |
| Comments indicator for merge request reviews in VS Code | v | v | v | web_ide | |
| Check out branches of merge requests in Visual Studio Code | v | v | v | web_ide | |
| Create and apply patches in VS Code | v | v | v | web_ide | |
| Remote Repositories for GitLab in VS Code | v | v | v | web_ide | |
| Deduplicate Git objects for forked repositories | v | v | v | gitaly | |
| Fault-tolerant Git storage with Gitaly | | v | v | gitaly | |
| Git protocol v2 support | v | v | v | gitaly | |
| Partial Clone | v | v | v | gitaly | |
| Git Server Hooks | v | v | v | gitaly | |
| Variable replication factor | | v | v | gitaly | |
| Web IDE | v | v | v | web_ide | |
| EditorConfig in the Web IDE | v | v | v | web_ide | |
| Paste images in Markdown in the Web IDE | v | v | v | web_ide | |
| Connect to a Remote Development environment from the Web IDE | v | v | v | remote_development | |
| Create preconfigured remote development workspaces on-demand | | v | v | remote_development | |
| Enable Remote Development in GitLab Agent for Kubernetes | | v | v | remote_development | |
| Automatically clone public projects into a workspace | | v | v | remote_development | |
| Define a reproducible development environment in a devfile | | v | v | remote_development | |
| All new rich text editor experience | v | v | v | various | |
| Wiki based project documentation | v | v | v | wiki | |
| Group-level Wiki | | v | v | wiki | |
| WYSIWYG Editing in Wiki | v | v | v | wiki | |

Download as Excel:

<https://almtoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | |
|--|---|---|---|----------------------------------|
| Design Management | v | v | v | design_management |
| GitLab-Figma Plugin | v | v | v | design_management |
| Project Level Value Stream Analytics | v | v | v | value_stream_management |
| Group Level Value Stream Analytics | | v | v | value_stream_management |
| Priority Support | | v | v | various |
| 24/7 uptime support | | v | v | various |
| Built-in Container Registry | v | v | v | container_registry |
| Preview your changes with Review Apps | v | v | v | review_apps |
| Environments Auto-stop | v | v | v | review_apps |
| New features every month | v | v | v | various |
| One integrated tool | v | v | v | various |
| Choice and flexibility | v | v | v | various |
| Access to the server | v | v | v | authentication_and_authorization |
| Runs on metal | v | v | v | various |
| Run your own software on your instance | v | v | v | various |
| Use your configuration management software | v | v | v | various |
| Use standard Unix tools for maintenance and monitoring | v | v | v | various |
| Single package installation | v | v | v | various |
| Single configuration file | v | v | v | various |
| Basic backup and restore mechanism without additional software | v | v | v | various |
| IPv6 ready | v | v | v | various |
| AD / LDAP integration | v | v | v | user_management |
| Next business day Support | | v | v | various |
| Free guest users | | | v | various |
| Multiple LDAP / AD server support | | v | v | user_management |
| Access to and ability to modify source code | v | v | v | various |
| Code Search | | v | v | code_search |
| Advanced Search | | v | v | global_search |
| Global Search API | v | v | v | global_search |
| Create and remove admins based on an LDAP group | | v | v | user_management |
| Kerberos user authentication | | v | v | system_access |
| | v | v | v | system_access |
| Project webhooks | v | v | v | integrations |
| Group webhooks | | v | v | integrations |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | |
|--|---|---|---|------------------------|
| File hooks | v | v | v | integrations |
| Display merge request status for builds on Jenkins CI | v | v | v | code_review_workflow |
| Fault-tolerant PostgreSQL | | v | v | omnibus_package |
| Email all users of a project, group, or entire server | | v | v | various |
| Limit project size at a global, group, and project level | | v | v | various |
| Log forwarding | | v | v | omnibus_package |
| Manage groups | v | v | v | groups_and_projects |
| Subgroups: groups within groups | v | v | v | groups_and_projects |
| Lock project membership to group | | v | v | groups_and_projects |
| Share groups with other groups | v | v | v | groups_and_projects |
| Share projects with other groups | v | v | v | groups_and_projects |
| Project and group visibility | v | v | v | groups_and_projects |
| Remove a group immediately | | v | v | groups_and_projects |
| Restore a group | | v | v | groups_and_projects |
| Enable delayed project deletion | | v | v | groups_and_projects |
| Export members as CSV | | v | v | groups_and_projects |
| Restrict SSH Keys | v | v | v | source_code_management |
| LDAP group sync | | v | v | user_management |
| LDAP group sync filters | | v | v | user_management |
| Upgrade assistance | | v | v | various |
| Interface for audit events | | v | v | audit_events |
| Audit events report | | v | v | audit_events |
| Compliance pipeline configuration | | | v | compliance_management |
| Users and permissions report | | v | v | audit_events |
| Chain of custody report | | | v | audit_events |
| Auditor access | | v | v | audit_events |
| Customizable system header and footer messages | v | v | v | compliance_management |
| Credentials inventory | | | v | user_management |
| Compliance report | | | v | compliance_management |
| Custom compliance frameworks | | v | v | compliance_management |
| External status checks | | | v | compliance_management |
| Require a Jira issue before merging code | | | v | compliance_management |
| Enforce merge request approval settings | | v | v | compliance_management |
| Streaming Audit Events | | | v | audit_events |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|--|---|---|---|------------------------|---------|
| Disaster Recovery | | v | v | disaster_recovery | |
| Granular user roles and flexible permissions | v | v | v | permissions | |
| Merge Requests | v | v | v | code_review_workflow | |
| Merge conflict resolution | v | v | v | code_review_workflow | |
| Auto-merge | v | v | v | code_review_workflow | |
| Revert specific commits or a merge request from the UI | v | v | v | code_review_workflow | |
| Launch Gitpod Workspaces directly from GitLab | v | v | v | web_ide | |
| Snippets | v | v | v | source_code_management | |
| Merge request versions | v | v | v | code_review_workflow | |
| Inline commenting and discussion resolution | v | v | v | code_review_workflow | |
| Activity Stream | v | v | v | source_code_management | |
| CI/CD Horizontal Autoscaling | v | v | v | continuous_integration | |
| Operations Dashboard | | v | v | continuous_delivery | |
| DevOps Score | v | v | v | devops_reports | |
| Database load balancing for PostgreSQL | v | v | v | omnibus_package | |
| Deploy from Chat | v | v | v | continuous_delivery | chatops |
| Create, search and view issues from chat | v | v | v | team_planning | chatops |
| Mattermost integration | v | v | v | various | |
| Google Hangouts integration | v | v | v | various | |
| Built for using containers and Docker | v | v | v | container_registry | |
| Docker image support | v | v | v | container_registry | |
| Container registry webhooks | v | v | v | container_registry | |
| Container registry high availability | v | v | v | container_registry | |
| Container Registry geographic replication | | v | v | container_registry | |
| Supports private container registries | v | v | v | container_registry | |
| SaaS container registry offering | v | v | v | container_registry | |
| Use container registry through REST API | v | v | v | container_registry | |
| Container registry storage management | v | v | v | container_registry | |
| Group-level Docker registry browser | v | v | v | container_registry | |
| Use search to find and container images | v | v | v | container_registry | |
| Helm chart repository support | v | v | v | helm_chart_registry | |
| Cloud Native | v | v | v | container_registry | |
| Container debugging with an integrated web terminal | v | v | v | container_registry | |
| Container image cleanup policies | v | v | v | container_registry | |

Download as Excel:

<https://almtoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|---|---|---|---|------------------------|------------------------|
| Comprehensive pipeline graphs | v | v | v | continuous_integration | |
| Online visualization of HTML artifacts | v | v | v | build_artifacts | |
| Browsable artifacts | v | v | v | build_artifacts | |
| Latest artifacts locked to prevent deletion | v | v | v | build_artifacts | |
| Scheduled triggering of pipelines | v | v | v | continuous_integration | |
| Code Quality MR Widget | v | v | v | code_quality | |
| Code Quality Reports | | v | v | code_quality | |
| Code Quality violation notices in MR diffs | | | v | code_quality | |
| Multi-project pipeline graphs | | v | v | continuous_integration | |
| Protected variables | v | v | v | secrets_management | |
| Nested variable expansion | v | v | v | continuous_integration | |
| Environments and deployments | v | v | v | environment_management | |
| Per-environment permissions | v | v | v | environment_management | |
| Create a release from the UI | v | v | v | release_orchestration | |
| Environments history | v | v | v | release_orchestration | |
| Environment-specific variables | v | v | v | release_orchestration | environment_management |
| Group-level variables | v | v | v | continuous_integration | |
| Customizable path for CI/CD configuration | v | v | v | continuous_integration | |
| Object storage for artifacts | v | v | v | various | |
| Object storage for LFS | v | v | v | various | |
| Run CI/CD jobs on Windows | v | v | v | runner_core | |
| Run CI/CD jobs on macOS | v | v | v | runner_core | |
| Run CI/CD jobs on Linux ARM | v | v | v | runner_core | |
| Run CI/CD jobs on FreeBSD | v | v | v | continuous_integration | |
| Show code coverage rate for your pipelines | v | v | v | code_testing | |
| Auto DevOps | v | v | v | auto_devops | |
| Protected Runners | v | v | v | continuous_integration | continuous_delivery |
| GitLab Agent for Kubernetes | v | v | v | deployment_management | |
| Fine-grained access controls for CI/CD based Kubernetes deployments | | v | v | deployment_management | |
| GitOps deployment management | v | v | v | deployment_management | |
| Publish static websites for free with GitLab Pages | v | v | v | pages | |
| Keep track of releases using GitLab Releases | v | v | v | release_orchestration | |
| Group-level release analytics | v | v | v | release_orchestration | |
| Publish your website from a private project for free | v | v | v | pages | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|---|---|---|---|-------------------------------------|-----------------------|
| Custom domains for GitLab Pages | v | v | v | pages | |
| Multiple custom domains for GitLab Pages | v | v | v | pages | |
| Limit the maximum number of custom domains per project | v | v | v | pages | |
| Secure custom domains (HTTPS) with GitLab Pages | v | v | v | pages | |
| GitLab Pages custom domains verification | v | v | v | pages | |
| GitLab Pages support all Static Site Generators | v | v | v | pages | |
| GitLab Pages example projects | v | v | v | pages | |
| GitLab Pages Templates for Static Site Generators | v | v | v | pages | |
| GitLab Pages supports all Jekyll plugins | v | v | v | pages | |
| Custom Error Pages (404) for GitLab Pages | v | v | v | pages | |
| Access control for GitLab Pages | v | v | v | pages | |
| Distributed cloning with GitLab Geo | | v | v | geo_replication | |
| Support for Scaled Architectures | | v | v | omnibus_package | |
| Timed and manual incremental rollout deployments | v | v | v | continuous_delivery | deployment_management |
| Canary Deployments | v | v | v | continuous_delivery | deployment_management |
| Multiple integrations | v | v | v | authentication_and_authoriz | integrations |
| Application Partners | v | v | v | authentication_and_authoriz | integrations |
| You decide when you upgrade | v | v | v | various | |
| Easy upgrade process | v | v | v | various | |
| Retrieval | v | v | v | various | |
| In good company | v | v | v | various | |
| Ability to edit all fields of a merge request | v | v | v | code_review_workflow | |
| Automatically close issue(s) when a merge request is merged | v | v | v | team_planning | code_review_workflow |
| Configurable issue closing pattern | v | v | v | team_planning | code_review_workflow |
| Draft merge requests | v | v | v | code_review_workflow | |
| Responsive-first design | v | v | v | various | |
| Community based, users can help shape the product | v | v | v | various | |
| Various authentication mechanisms | v | v | v | system_access | |
| Built-in and custom project templates | | v | v | source_code | |
| Automatic Retry for Failed CI Jobs | v | v | v | pipeline_composition | |
| Pipelines security | v | v | v | continuous_integration | |
| Include external files in CI/CD pipeline definition | v | v | v | pipeline_composition | |
| Static Application Security Testing | v | v | v | static_application_security_testing | |
| Configuration UI | | | v | static_application_security_testing | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | |
|---|---|---|---|--------------------------------------|
| Custom Rulesets for SAST | | | v | static_application_security_testing |
| Infrastructure as Code (IaC) Security Scanning | v | v | v | static_application_security_testing |
| Secret Detection | v | v | v | secret_detection |
| Custom Rulesets for Secret Detection | | | v | secret_detection |
| Full Git History Secret Detection | v | v | v | secret_detection |
| Automatic Response to Leaked Secrets | | | v | secret_detection |
| GitLab Advisory Database | | | v | advisory_database |
| Dependency Scanning | | | v | software_composition_analysis |
| Container Scanning | v | v | v | container_scanning |
| Automated solutions for Container Scanning vulnerabilities | | | v | container_scanning |
| Dynamic Application Security Testing | | | v | dynamic_application_security_testing |
| Dynamic API Security Testing (DAST API) | | | v | api_security |
| Automated solutions for Dependency Scanning vulnerabilities | | | v | software_composition_analysis |
| Vulnerability Management | | | v | vulnerability_management |
| Standalone Vulnerability Objects | | | v | vulnerability_management |
| Vulnerability Reports | | | v | vulnerability_management |
| Security Dashboards | | | v | vulnerability_management |
| Create Jira issues from vulnerabilities | | | v | vulnerability_management |
| Integrated security training | | | v | vulnerability_management |
| Project Dependency List | | | v | dependency_management |
| Security Policies | | | v | security_policy_management |
| Security Approvals | | | v | security_policy_management |
| License Approvals | | | v | security_policy_management |
| Browser Performance Testing | | v | v | code_testing |
| Load Performance Testing | | v | v | code_testing |
| Automated Accessibility scanning of Review Apps | v | v | v | review_apps |
| Repeat failed test notification | v | v | v | code_testing |
| Graph Code coverage changes over time | v | v | v | code_testing |
| Group Code Coverage Data | | v | v | code_testing |
| Fast SSH Authorization | v | v | v | various |
| Create projects with Git push | v | v | v | various |
| Step folding for CI/CD logs | v | v | v | continuous_integration |
| Instant SSL with Let's Encrypt for Omnibus GitLab | v | v | v | omnibus_package |
| Contribution Analytics | | v | v | value_stream_management |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|---|---|---|---|-------------------------------|---------------------|
| ChatOps | v | v | v | chatops | |
| License Compliance | | | v | software_composition_analysis | |
| CI/CD for external repo | | v | v | continuous_integration | |
| CI/CD for GitHub | | v | v | continuous_integration | |
| Deploy Tokens | v | v | v | continuous_delivery | |
| Plugins | v | v | v | pages | |
| Enforce accepting terms of service | v | v | v | system_access | |
| Projects | v | v | v | groups_and_projects | |
| Badges | v | v | v | groups_and_projects | |
| Project topic management | v | v | v | project_management | groups_and_projects |
| Project settings | v | v | v | groups_and_projects | |
| Manage projects | v | v | v | groups_and_projects | |
| Members of a project | v | v | v | groups_and_projects | |
| Delayed project deletion | | v | v | groups_and_projects | |
| View projects pending deletion | | v | v | groups_and_projects | |
| Restore a project | | v | v | groups_and_projects | |
| Password complexity policy | | v | v | system_access | |
| SCIM for User Lifecycle Management | | v | v | user_management | |
| Customizable Roles | | | v | user_management | |
| Enterprise Users | | v | v | user_management | |
| SAML SSO for Groups | | v | v | user_management | |
| Geolocation-aware DNS | | v | v | geo_replication | |
| GitLab Flavored Markdown with CommonMark | v | v | v | team_planning | |
| Create Markdown tables from JSON data | v | v | v | team_planning | |
| Initialize README on project creation | v | v | v | source_code_management | |
| Allow SAML assurance level to bypass 2FA | v | v | v | system_access | |
| Restrict access by IP address | | v | v | system_access | |
| Enforced Two-factor Authentication (2FA) | v | v | v | system_access | |
| Unit Test Report | v | v | v | code_testing | |
| Failed test screenshots in test report | v | v | v | code_testing | |
| See unit test summaries in merge request widget | v | v | v | code_testing | |
| Achievements | v | v | v | user_profile | |
| User profile page | v | v | v | user_profile | |
| User status message | v | v | v | user_profile | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | |
|--|---|---|---|------------------------|
| Contributions calendar | v | v | v | user_profile |
| Image scaler | v | v | v | user_profile |
| Configuration Modeling | v | v | v | configuration |
| Configuration Automation | v | v | v | configuration |
| Configure Monitoring | v | v | v | configuration |
| Repository languages on project overview | v | v | v | source_code_management |
| Terraform plan output summary in Merge Requests | v | v | v | infrastructure_as_code |
| Interactive Web Terminals | v | v | v | continuous_integration |
| Inline code coverage in merge request diff | v | v | v | code_review_workflow |
| Protected Environments | | v | v | environment_management |
| Package Registry cleanup policies | v | v | v | package_registry |
| Forward requests for npm packages not found in GitLab to npmjs.org | v | v | v | package_registry |
| Forward requests for Python packages not found in GitLab to PyPI | v | v | v | package_registry |
| Forward requests for Maven packages not found in GitLab to PyPI | v | v | v | continuous_integration |
| Conan (C/C++) Repository | v | v | v | package_registry |
| Maven (Java) Repository | v | v | v | continuous_integration |
| npm (node) Registry | v | v | v | package_registry |
| NuGet (.NET) Repository | v | v | v | package_registry |
| PyPI (Python) Repository | v | v | v | package_registry |
| Terraform Module Registry | v | v | v | package_registry |
| Go Proxy | v | v | v | package_registry |
| Composer (PHP) Repository | v | v | v | package_registry |
| Use the Package Registry through REST API | v | v | v | package_registry |
| Package debugging with an integrated web terminal | v | v | v | package_registry |
| Publish and share package versions | v | v | v | package_registry |
| Run jobs only when there are changes to a file or path | v | v | v | pipeline_composition |
| Directed acyclic graph mode for pipelines | v | v | v | pipeline_composition |
| Run jobs only/except in the context of a merge request | v | v | v | pipeline_composition |
| Windows Container Executor | v | v | v | runner_core |
| Comments in Review Apps | | v | v | review_apps |
| Pipeline deletion | v | v | v | continuous_integration |
| Feature Flags | v | v | v | feature_flags |
| Feature Flag List view | v | v | v | feature_flags |
| Percent of Users Strategy for Feature Flags | v | v | v | feature_flags |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|--|---|---|---|-------------------------|-----------------------|
| Flexible Rollout Strategy for Feature Flags | v | v | v | feature_flags | |
| UserID Rollout Strategy for Feature Flags | v | v | v | feature_flags | |
| Set multiple strategies per environment | v | v | v | feature_flags | |
| User List Strategy for Feature Flags | v | v | v | feature_flags | |
| Associate Feature Flags with the issue(s) that is related to them | | v | v | feature_flags | |
| Official GitLab container with AWS client installed | v | v | v | continuous_delivery | |
| Deploy Keys | v | v | v | continuous_delivery | |
| Auto Deploy to ECS with Auto DevOps | v | v | v | continuous_delivery | |
| Template to Deploy to EC2 | v | v | v | continuous_delivery | |
| Auto Deploy to EC2 with Auto DevOps | v | v | v | continuous_delivery | |
| DORA Metrics dashboard in Value Stream Dashboard | | | v | dora_metrics | |
| DORA - Lead time for changes | | | v | dora_metrics | |
| DORA - Deployment frequency | | | v | dora_metrics | |
| DORA - Time To restore Service | | | v | dora_metrics | |
| DORA - Change Failure Rate | | | v | dora_metrics | |
| Insights: Custom DORA reporting | | | v | dora_metrics | |
| DORA Trends Over Time Charts | | | v | dora_metrics | |
| Customize Value Streams Dashboard with DORA and vulnerability metrics benchmarking | v | | | value_stream_management | dora_metrics |
| Environment type | | v | v | environment_management | |
| Git protocol v2 support | v | v | v | source_code_management | |
| Merge request reviews | v | v | v | code_review_workflow | |
| Explicit support for monorepos | v | v | v | pipeline_composition | |
| Global Docker registry browser | v | v | v | container_registry | |
| Smart card support | | v | v | system_access | |
| Error tracking | v | v | v | error_tracking | |
| Dependency Proxy for Container Registry | v | v | v | dependency_proxy | |
| Merge request pipelines | v | v | v | merge_trains | |
| Merged results pipelines | | v | v | merge_trains | |
| Merge Trains | | v | v | merge_trains | |
| Run pipelines in the parent project for MRs from forks | | v | v | merge_trains | |
| Pipeline Resource Groups | v | v | v | continuous_delivery | release_orchestration |
| Environments Dashboard | | v | v | environment_management | |
| Associate Releases with Milestones | v | v | v | release_orchestration | |
| GitLab-managed Terraform state files | v | v | v | infrastructure_as_code | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|---|---|---|---|-------------------------|-----------------------------|
| Insights | | | v | value_stream_management | |
| Trigger pipeline on any event in code repository | / | / | / | continuous_integration | |
| Community powered workflows (configuration is code so are shared) | v | v | v | pipeline_composition | |
| Any platform, any language, and cloud | v | v | v | continuous_integration | |
| Pipeline defined in one file kept in the repository | v | v | v | continuous_integration | |
| Store CI configuration outside the repository | v | v | v | continuous_integration | |
| Auto suggest pipelines to start with based on code language | v | v | v | continuous_integration | |
| Advanced CI/CD configuration linter | v | v | v | pipeline_composition | |
| Comes with many pre-defined pipelines | v | v | v | pipeline_composition | |
| Connects the diff tools & services used during the SDLC | v | v | v | continuous_integration | |
| GitLab SaaS Runners on Linux - Small Machine Type | v | v | v | runner_saas | |
| GitLab SaaS Runners on Linux - Medium Machine Type | v | v | v | runner_saas | |
| GitLab SaaS Runners on Linux - Large Machine Type | | v | v | runner_saas | |
| GitLab GPU-enabled SaaS runners on Linux medium machine | | v | v | runner_saas | |
| GitLab SaaS Runners for Windows (Beta) | v | v | v | runner_saas | |
| GitLab SaaS Runners for macOS (Limited Availability) | v | v | v | runner_saas | |
| Pipeline status visible in pull/merge request | v | v | v | continuous_integration | |
| Live streaming of logs from running pipeline | v | v | v | continuous_integration | |
| Search across all job logs | / | / | / | continuous_integration | |
| View raw logs in plaintext | v | v | v | continuous_integration | |
| Multiple pipelines per repo | v | v | v | pipeline_composition | |
| Reference actions/jobs in another repo | v | v | v | pipeline_composition | |
| Cross-project jobs with artifact dependencies | | v | v | continuous_integration | |
| Parent-child pipelines | v | v | v | pipeline_composition | |
| Productivity Analytics | | v | v | value_stream_management | |
| Code Review Analytics | | v | v | value_stream_management | |
| Usage Trends | v | v | v | devops_reports | |
| DevOps Adoption | | | v | devops_reports | |
| Incidents | v | v | v | incident_management | |
| Escalate manually created Incidents | | v | v | incident_management | on_call_schedule_management |
| Incident Timeline | v | v | v | incident_management | |
| View alerts on the Environments page | | | v | Continuous_Delivery | environment_management |
| View deployment status on the Environments page | | | v | Continuous_Delivery | |
| Generic HTTP Endpoint | v | v | v | incident_management | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|---|---|---|---|--------------------------------------|------------------------|
| Service Desk | v | v | v | service_desk | |
| Service Desk Custom Branding | v | v | v | service_desk | |
| Customer Relations Management | v | v | v | service_desk | |
| Merge Request Dependencies | | v | v | code_review_workflow | |
| Code intelligence by Sourcegraph | v | v | v | code_review_workflow | |
| Code intelligence | v | v | v | code_review_workflow | |
| Release Evidence | v | v | v | release_evidence | |
| Manage access to protected environments from the API | | v | v | release_orchestration | environment_management |
| Status Page | | | v | incident_management | |
| GitLab-managed App for HashiCorp Vault | v | v | v | secrets_management | |
| Release Progress view | v | v | v | release_orchestration | |
| Instance-level project integration management for external services | v | v | v | integrations | |
| Deploy Freeze | v | v | v | release_orchestration | |
| Complex, simultaneous deployments per environment | v | v | v | deployment_management | |
| Robust deploy and rollback bundle | / | / | / | continuous_delivery | |
| Auto Rollback in case of failure | | | v | continuous_delivery | |
| Pre-written deploy target mechanisms | v | v | v | continuous_delivery | |
| Load balancer management for Blue/Green deployment | v | v | v | continuous_delivery | deployment_management |
| Link runbooks to a Release | v | v | v | release_orchestration | |
| HashiCorp Vault Integration | | v | v | secrets_management | |
| Alerts | v | v | v | incident_management | |
| View Jira issues in GitLab | | v | v | integrations | |
| Create parallel jobs via a matrix of targets | v | v | v | pipeline_composition | |
| Coverage-guided Fuzz Testing | | | v | fuzz_testing | |
| API Fuzz Testing | | | v | api_security | |
| Project Access Tokens | v | v | v | credential_management | |
| Select project access token role | v | v | v | credential_management | |
| Group Access Tokens | v | v | v | credential_management | |
| Block and Ban users | v | v | v | user_management | |
| On-demand DAST | | | v | dynamic_application_security_testing | |
| Site and Scanner profiles for On-demand DAST scans | | | v | dynamic_application_security_testing | |
| Create a release directly from the .gitlab-ci.yml via the release CLI | v | v | v | release_orchestration | |
| Generic Package Registry | v | v | v | release_orchestration | package_registry |
| Alert Notifications | v | v | v | incident_management | |

Download as Excel:

<https://almttoolbox.com/gitlab-excel/>

GitLab 16.2 - All Features (Self-managed)

| | | | | | |
|--|---|---|---|--------------------------------------|---------------------|
| Service Level Agreement countdown timer | | v | v | incident_management | |
| On-call Schedule Management | | v | v | on_call_schedule_management | incident_management |
| Escalation Policies | | v | v | on_call_schedule_management | incident_management |
| Merge request reviewers | v | v | v | code_review_workflow | |
| Suggested Reviewers | | | v | code_review_workflow | workflow_automation |
| Maintenance mode | | v | v | disaster_recovery | |
| DAST Configuration UI | | | v | dynamic_application_security_testing | |
| Group-level permissions for Protected Environments | | v | v | Release Orchestration | |
| Multi project pipeline visualization | | v | v | pipeline_composition | |
| Scheduling On-demand DAST scans | | | v | dynamic_application_security_testing | |
| GitLab Runner Operator for Kubernetes | v | v | v | runner | |
| Password complexity policy | | v | v | system_access | |
| Changelog | v | v | v | release_orchestration | |
| Broadcast messages | v | v | v | onboarding | |
| reCAPTCHA | v | v | v | instance_resiliency | |
| Runner upgrade notification when managing runners | | | v | runner_fleet | |
| Interactive onboarding for GitLab Pages | v | v | v | pages | |
| Summary of outdated runners metric | | | v | runner_fleet | |
| On-demand DAST API scans | | | v | api_security | |
| Browser-based DAST | | | v | dynamic_application_security_testing | |
| Secondary site proxying | | v | v | geo_replication | |
| View statistics for runner performance | | | v | runner_fleet | |
| Secure your CI/CD workflow using OIDC | v | v | v | secrets_management | |
| Git abuse rate limiting | | | v | insider_threat | |
| Compliance frameworks report | | | v | compliance_management | |