SECRETS MANAGER > INTEGRATIONS

GitLab CI/CD

View in the help center: https://bitwarden.com/help/gitlab-integration/



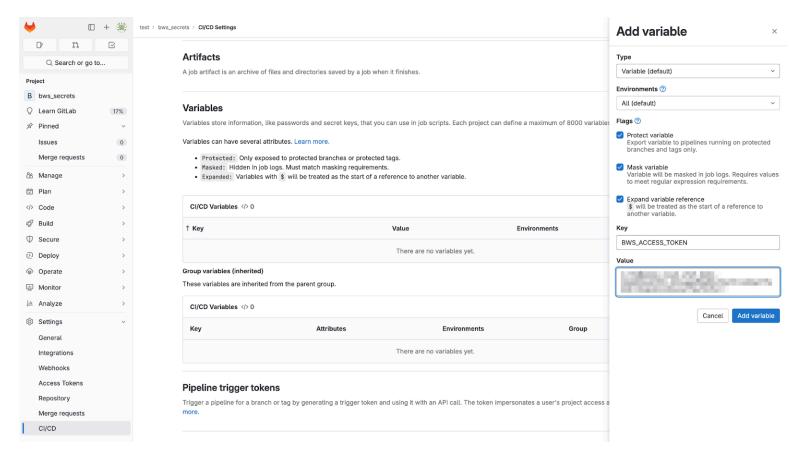
GitLab CI/CD

Bitwarden provides a way to inject secrets into your GitLab CI/CD pipelines using the Bitwarden Secrets Manager CLI. This allows your to securely store and use secrets in your CI/CD workflows. To get started:

Save an access token

In this step, we're going to save an access token as a GitLab CI/CD variable. This token will be used to authenticate with the Bitwarden Secrets Manager API and retrieve secrets.

- 1. In GitLab, navigate to your project's Settings > CI/CD page.
- 2. Select Expand in the Variables section.
- 3. Select Add variable.
- 4. Check the Mask variable flag.
- 5. Name the key BWS_ACCESS_TOKEN. This is the variable that the Secrets Manager CLI looks for to authenticate. Alternatively, if you need to name the key something else, specify —access—token NAME_0F_VAR on the bws_secret_get line later.
- 6. In another tab, open the Secrets Manager web app and create an access token.
- 7. Back in GitLab, paste the newly-created access token into the Value field.
- 8. Select Add variable to save.



Add a variable in GitLab



Add to your workflow file

Next, we're going to write a rudimentary GitLab CI/CD workflow. Create a file called <code>.gitlab-ci.yml</code> in the root of your repository with the following contents:

Where:

• BWS_VER is the version of the Bitwarden Secrets Manager CLI to install. You can pin the version being installed by changing this to a specific version, for example BWS_VER="0.3.1".

Warning

Secrets are stored as environment variables. It is important to avoid running commands that would output these secrets to the logs.

Run the CI/CD pipeline

On the left, select **Build** > **Pipelines** and select **Run pipeline** at the top-right of the pace. Select **Run pipeline** on the page to run the newly-created pipeline.