

Eigen gitlab runners maken

Om GitLab CI/CD pipelines te kunnen gebruiken heb je “Runners” nodig.

Je zou gebruik kunnen maken van shared runners die je op het internet kan vinden maar in veel situaties is het over het internet versturen van sourcecode niet een wenselijke situatie.

In dat geval is een lokale “eigen” runner de oplossing.

repository koppelen

Om makkelijk te kunnen updaten is het verstandig de software vanuit een officiële repository te installeren. Koppel de repository van gitlab:

```
curl -L  
"https://packages.gitlab.com/install/repositories/runner/gitlab-runner/script  
.rpm.sh" | sudo bash
```

runner software installeren

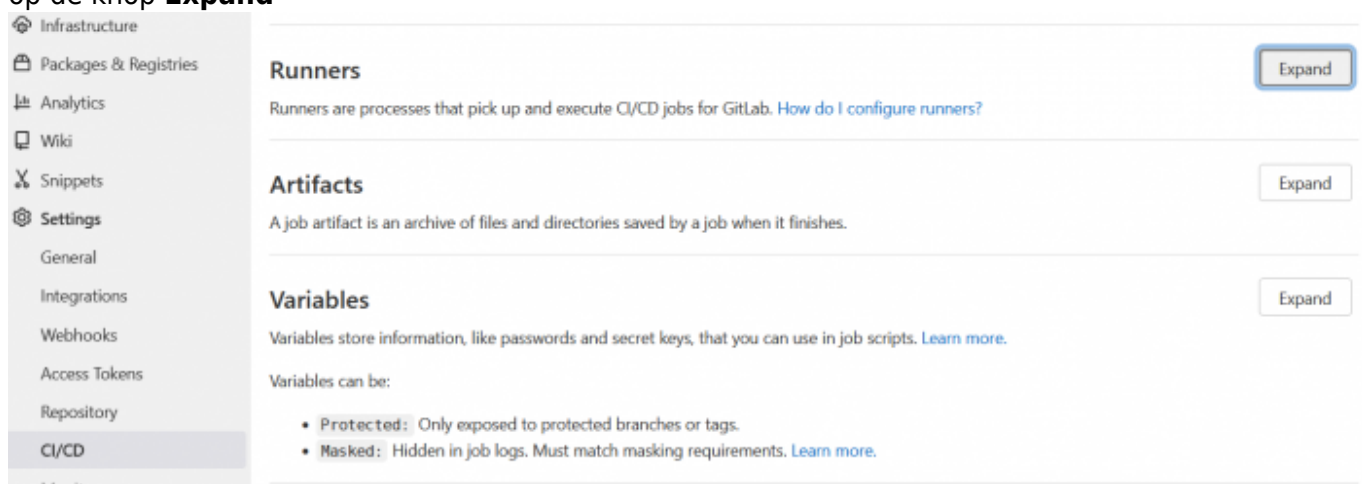
en installeer de runner:

```
sudo yum install gitlab-runner
```

runner registreren bij de GitLab server

registration token achterhalen

Log in op de GitLab server en in het grijze zij-menu kies **Settings** → **CI/CD**. Bij **Runners** druk rechts op de knop **Expand**



The screenshot shows the GitLab web interface. On the left is a sidebar with a grey background containing a navigation menu. The menu items are: Infrastructure, Packages & Registries, Analytics, Wiki, Snippets, Settings (highlighted), General, Integrations, Webhooks, Access Tokens, Repository, CI/CD (highlighted), and Monitor. The main content area is white and displays the CI/CD settings. It has three sections: 'Runners' with a description 'Runners are processes that pick up and execute CI/CD jobs for GitLab.' and a link 'How do I configure runners?'; 'Artifacts' with a description 'A job artifact is an archive of files and directories saved by a job when it finishes.'; and 'Variables' with a description 'Variables store information, like passwords and secret keys, that you can use in job scripts.' and a link 'Learn more.'. Below the 'Variables' description, it says 'Variables can be:' followed by a bulleted list: 'Protected: Only exposed to protected branches or tags.' and 'Masked: Hidden in job logs. Must match masking requirements. Learn more.'. Each section has an 'Expand' button on the right side.

Daar vindt je de URL en de token waarmee je de net geïnstalleerde runner aan je GitLab server kunt

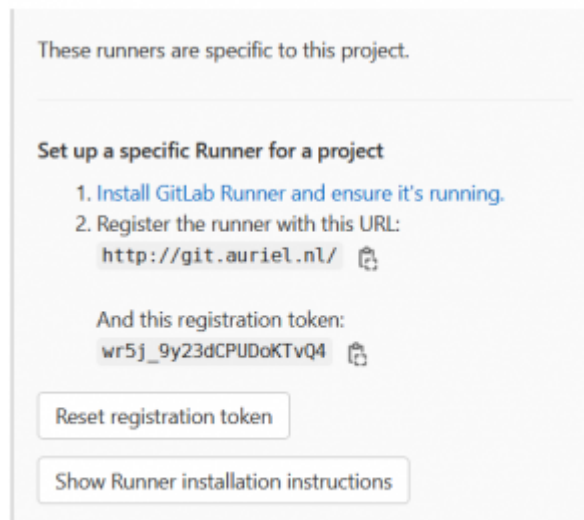
Runners

Runners are processes that pick up and execute CI/CD jobs for Git

Register as many runners as you want. You can register runners as
Runners are either:

- **active** - Available to run jobs.
- **paused** - Not available to run jobs.

Specific runners



koppelen.

de URL kan je wel onthouden, druk op het “copy” logotje naast het token.

registreer de runner vervolgens op de server waar je deze hebt geregistreerd door:

```
sudo gitlab-runner register
```

en vul de gegevens in wanneer gevraagd:

```
Runtime platform                                arch=amd64 os=linux
pid=598553 revision=5316d4ac version=14.6.0
Running in system-mode.
```

```
Enter the GitLab instance URL (for example, https://gitlab.com/):
http://git.auriel.nl
Enter the registration token:
wr5j_9y23dCPUDoKTVQ4
Enter a description for the runner:
[test-hwnode1.auriel.local]: test-hwnode1
Enter tags for the runner (comma-separated):
packer-build
Registering runner... succeeded                  runner=wr5j_9y2
Enter an executor: virtualbox, docker+machine, docker-ssh+machine,
kubernetes, custom, docker, parallels, docker-ssh, shell, ssh:
docker
Enter the default Docker image (for example, ruby:2.6):
```

```
ruby:2.6
```

```
Runner registered successfully. Feel free to start it, but if it's running  
already the config should be automatically reloaded!
```

Al dat werkt niet

Bronnen

<https://docs.gitlab.com/runner/install/linux-repository.html>

<https://docs.gitlab.com/runner/register/>

From:

<https://wiki.auriel.nl/> -

Permanent link:

https://wiki.auriel.nl/doku.php?id=werkinstructies:gitlab_runners&rev=1641650805



Last update: **2022/01/08 15:06**