

Download, Install, Regsiter, Start Gitlab runner

To use GitLab CI/CD: **Ensure you have runners available to run your jobs**. If you don't have a runner, install GitLab Runner and register a runner for your instance, project, or group.

Add a folder , Gitlab-runner in C:\ drive

C:\>cd Gitlab-runner

COMMANDS:

exec execute a build locally

list List all configured runners

run run multi runner service

register register a new runner

install install service

uninstall uninstall service

start start service

stop stop service

restart restart service

status get status of a service

run-single start single runner

unregister unregister specific runner

verify verify all registered runners

artifacts-downloader download and extract build artifacts (internal)

artifacts-uploader create and upload build artifacts (internal)

cache-archiver create and upload cache artifacts (internal)

cache-extractor download and extract cache artifacts (internal)

cache-init changed permissions for cache paths (internal)

health-check check health for a specific address

read-logs reads job logs from a file, used by kubernetes executor (internal)

help, h Shows a list of commands or help for one command

--version, -v print the version

**Install it**

C:\GitLab-Runner>gitlab-runner-windows-amd64 install

C:\GitLab-Runner>gitlab-runner-windows-amd64 start

C:\GitLab-Runner>gitlab-runner-windows-amd64 --version

Version: 14.2.0

Git revision: 58ba2b95

Git branch: 14-2-stable

GO version: go1.13.8

Built: 2021-08-22T19:47:56+0000

OS/Arch: windows/amd64

C:\GitLab-Runner>ssh-keygen

Generating public/private rsa key pair.

Enter file in which to save the key (C:\Users\Anamika/.ssh/id\_rsa):

C:\Users\Anamika/.ssh/id\_rsa already exists.

Overwrite (y/n)? y

Enter passphrase (empty for no passphrase):

Enter same passphrase again:

Your identification has been saved in C:\Users\Anamika/.ssh/id\_rsa.

Your public key has been saved in C:\Users\Anamika/.ssh/id\_rsa.pub.

The key fingerprint is:

SHA256:pW39gIJOqfJ4Jsubtsqu2x3LmVGVM+r3jLff0XolUAw anamika@LAPTOP-53S2KQS8

The key's randomart image is:

+---[RSA 2048]----+

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+----[SHA256]-----+

**Register it**

C:\GitLab-Runner>gitlab-runner-windows-amd64 register

Enter the GitLab instance URL (for example, https://gitlab.com/):

**https://gitlab-ust.stackroute.in/**

Enter the registration token:

zXWQsWp7sapiiN7EDgVp

Enter a description for the runner:

[LAPTOP-53S2KQS8]: my-runner

Enter tags for the runner (comma-separated):

ssh

Registering runner... succeeded ←[0;m runner←[0;m=zXWQsWp7

Enter an executor: shell, docker+machine, docker-windows, docker-ssh, parallels, virtualbox, docker-ssh+machine, kube

rnetes, custom, docker, ssh:

**shell**

Runner registered successfully.

**Check the status**

C:\GitLab-Runner>gitlab-runner-windows-amd64 status

gitlab-runner: Service is running

C:\GitLab-Runner>

Go to your project , add

**.gitlab-ci.yml file**

demo-job1:

tags:

- **ssh**

script:

- echo Hello World

**config.toml**

[[runners]]

name = "my-runner"

url = "https://gitlab-ust.stackroute.in/"

token = "rCsM7G4AvzJucvFz2K\_E"

executor = "shell"

shell = "**powershell**"

[runners.custom\_build\_dir]

[runners.cache]

[runners.cache.s3]

[runners.cache.gcs]

[runners.cache.azure]