

Installation ([read docs](#))

01

```
$ npm install snyk -g
$ brew tap snyk/tap && brew
install snyk
$ scoop bucket add snyk
https://github.com/snyk/scoop-snyk
$ scoop install snyk
```

Additional methods are explained in the [docs](#).

Authenticate ([read docs](#))

02

You need to authenticate with your Snyk account in one of the following ways:

```
$ snyk auth (authenticate using
the browser)
$ snyk auth <token>
```

Use the `SNYK_TOKEN` environment variable in a CI/CD environment.

Scan your project ([read docs](#))

03

Scan your project for vulnerabilities by running the following from the root of your project:

```
$ snyk test
```

Vulnerabilities and remediation are shown in your terminal.

Monitor ([read docs](#))

04

Monitor your application for vulnerabilities by sending a snapshot of the dependencies to your Snyk dashboard using:

```
$ snyk monitor
```

The results are shown on your Snyk dashboard.

Ignore vulnerabilities ([read docs](#))

05

Ignore a specific vulnerability for 30 days by using `snyk ignore`:

```
$ snyk ignore --id=npm:tough-
cookie:20160722
```

Add a custom expiration date and reason with these options:

```
--expiry=2020-11-11
--reason='Not currently exploitable'
```

CLI common options ([read docs](#))

06

Specify a manifest file to test

```
$ snyk [command] --file=package.json
```

Specify a GitHub manifest file and ecosystem

```
$ snyk test --file=req.txt --
package-manager=pip
```

Test all manifests in a folder and its subfolder

```
$ snyk test --all-projects
```

Include dev dependencies in a scan

```
$ snyk test --dev
```

Run a command for a specific organization

```
$ snyk [command] --org=<org_id>
```

Test a public GitHub repository

```
$ snyk test https://github.com/snyk-
labs/nodejs-goof
```

Test the latest version of an npm package

```
$ snyk test lodash
```

Test a specific version of a package

```
$ snyk test ionic@1.6.5
```

Output full test results as JSON

```
$ snyk test --json
```

Store test result as a JSON file

```
$ snyk test --json-file-
output=vuln.json
```

Set the minimum severity level that will be included in the scan

```
$ snyk [command] --severity-
threshold=<low|medium|high|critical>
```

Snyk Code ([read docs](#))

07

Test the current folder

```
$ snyk code test
```

Test another context

```
$ snyk code test <folder>
```

Container scanning ([read docs](#))

08

Scan and monitor Docker images

```
$ snyk container test <image>
$ snyk container monitor <image>
```

Option to get more information including base image remediation

```
--file=path/to/Dockerfile
```

Scan Docker and OCI container images

```
$ snyk container test docker-
archive:container.tar
$ snyk container test oci-
archive:container.tar
```

Infrastructure as Code ([read docs](#))

09

Scan Kubernetes and Terraform files for security issues

```
$ snyk iac test /path/to/
Kubernetes_file.yaml
$ snyk iac test /path/to/
terraform_file.tf
```

Detect, track, and alert on infrastructure drift and unmanaged resources

```
$ snyk iac describe <OPTIONS>
```

Troubleshooting ([read docs](#))

10

Display Snyk CLI help using the `--help` option or the `snyk help` command:

```
$ snyk auth --help
$ snyk container --help
$ snyk help <command>
```

Debug output for your command

```
$ snyk [command] -d
```

Unexpected results?

Build your project and download all dependencies first, for example:

```
$ npm install
$ mvn install
$ dotnet restore
$ go build
```

Running out of tests on an open source project:

- Run `snyk monitor`
- Open the [Snyk UI](#) and go to the settings of the project
- Enter the URL of your OS repo in Git remote URI

Read the Snyk CLI documentation

11

To learn about the capabilities of the Snyk CLI, see the [Snyk CLI documentation](#).



Author

Brian Vermeer
Sr. Developer Advocate
Snyk

