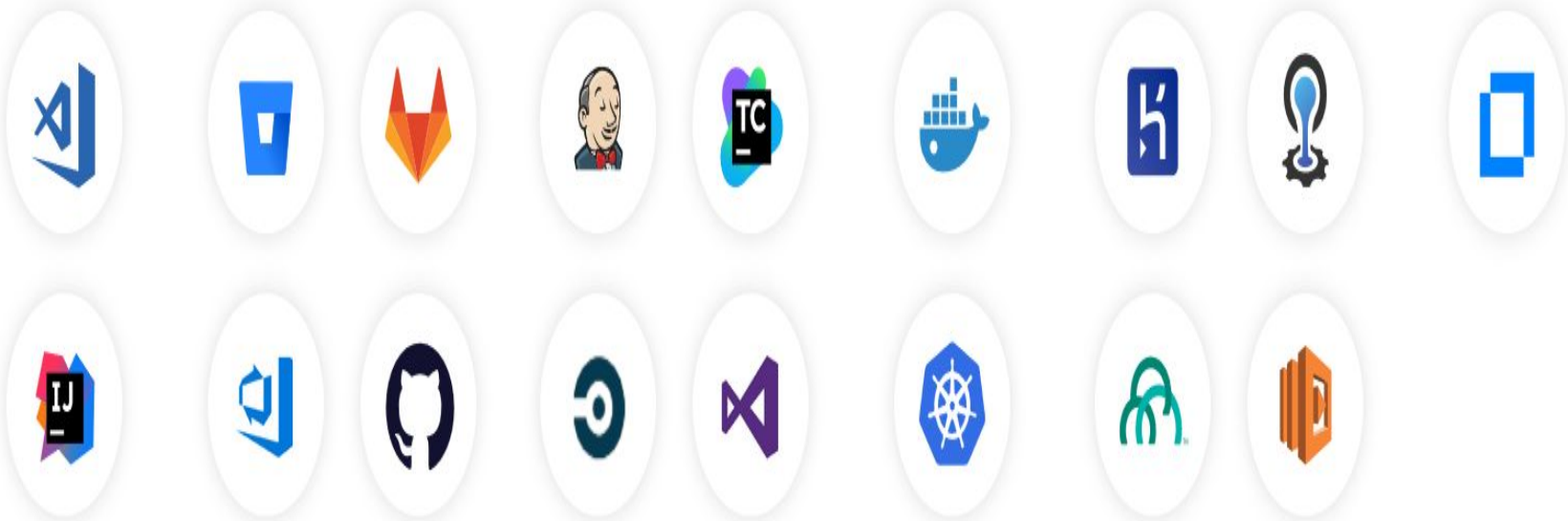


SAST|SCA SECURITY :Snyk

- Lots of mnc's are protected by snyk
- Google
- Microsoft
- Salesforce
- etc. etc.



Synk Support



Snyk Account Setup

- <https://snyk.io/>

Get started for free

No credit card required



GitHub

Or Sign up with: [Bitbucket](#) | [Google](#) | [Azure AD](#) | [Docker ID](#)

[Log in with your company SSO](#) ⓘ

We will not make any use of the auth provider without your permission.

By logging in or signing up, you agree to abide by our policies, including our [Terms of Service](#) and [Privacy Policy](#)

Snyk Account Setup

Setup Credentials i.e Snyk Token

Account > General

Account Settings

Log out

General

Notifications

Share With a Friend

Auth Token

Use this token to authenticate the Snyk CLI and in CI/CD pipelines. Learn more about authenticating CLI in [our docs](#).

KEY

CREATED

click to show

28 November 2022, 23:37:07

Revoke & Regenerate

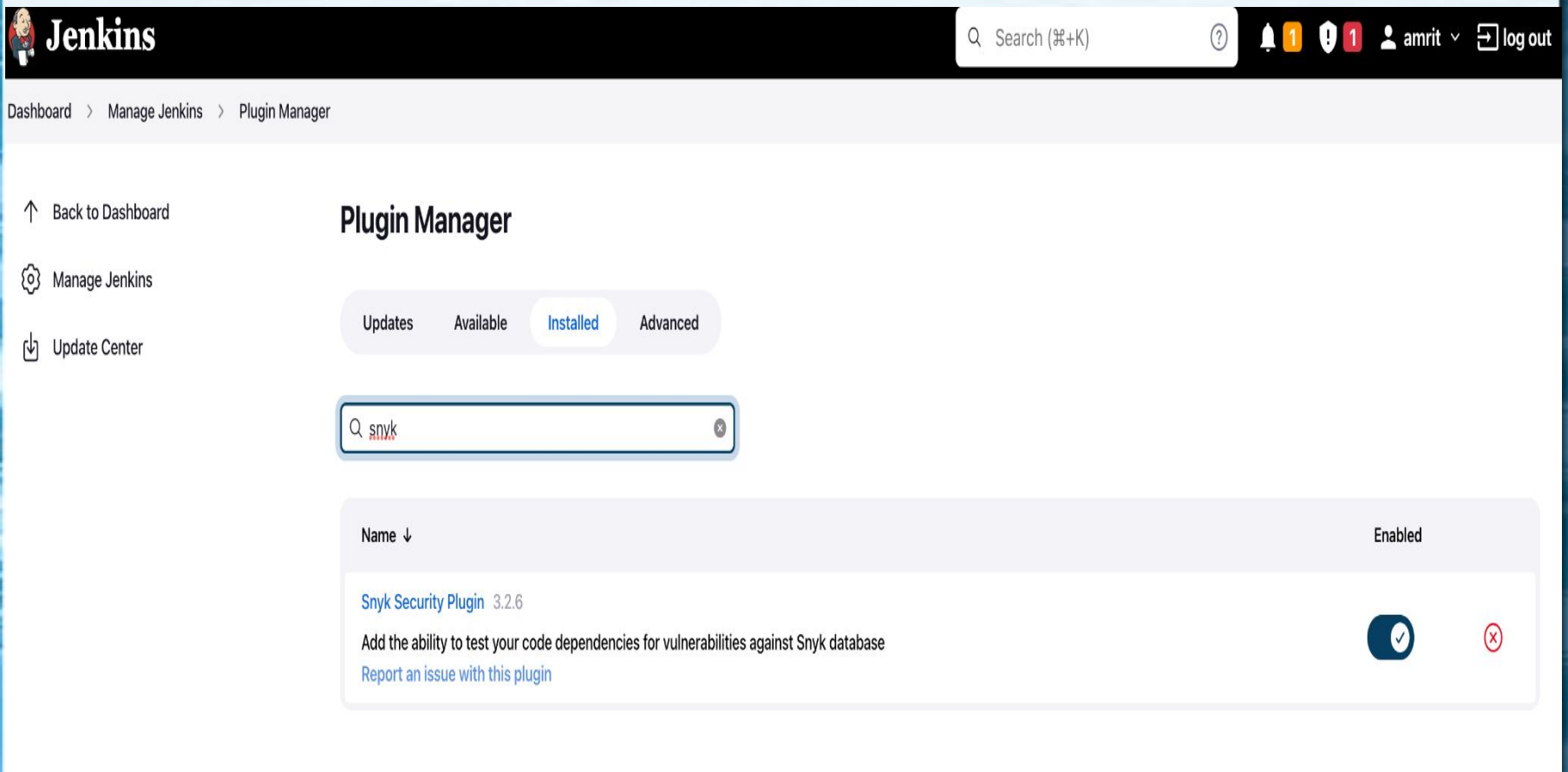
Authorized Applications

List of applications you have authorized

No applications

Snyk Jenkins Setup

- Install snyk pluggin



The screenshot shows the Jenkins web interface. At the top is a black header with the Jenkins logo, a search bar, and user information. Below the header is a breadcrumb trail: Dashboard > Manage Jenkins > Plugin Manager. On the left is a sidebar with links to Back to Dashboard, Manage Jenkins, and Update Center. The main content area is titled 'Plugin Manager' and has four tabs: Updates, Available, Installed (selected), and Advanced. A search bar contains the text 'snyk'. Below the search bar is a table listing installed plugins. The table has two columns: 'Name' and 'Enabled'. One plugin is listed: 'Snyk Security Plugin 3.2.6'. The description for this plugin is 'Add the ability to test your code dependencies for vulnerabilities against Snyk database'. There is a link 'Report an issue with this plugin'. The 'Enabled' column shows a toggle switch that is turned on, with a red 'X' icon next to it.

Jenkins

Search (⌘+K)

Dashboard > Manage Jenkins > Plugin Manager

Back to Dashboard


Manage Jenkins

Update Center

Plugin Manager

Updates Available **Installed** Advanced

Q snyk

Name ↓	Enabled
Snyk Security Plugin 3.2.6 Add the ability to test your code dependencies for vulnerabilities against Snyk database Report an issue with this plugin	<input checked="" type="checkbox"/> 

Snyk Jenkins Creds Setup



Q Search (⌘+K)



1



1



amrit ▾

log out

Dashboard > Manage Jenkins > Credentials

Credentials

T	P	Store ↓	Domain	ID	Name
		System	(global)	training_creds	amrit96/*****
		System	(global)	snyk_token	snyk_token

Stores scoped to Jenkins

P	Store ↓	Domains
	System	(global)

Snyk Jenkins Global Config

Dashboard > Manage Jenkins > Global Tool Configuration

Snyk

Snyk installations

List of Snyk installations on this system

Add Snyk

Snyk

Name

snyk@latest

☒ Install automatically ?

≡ Install from snyk.io

Version

latest

Update policy interval (hours)

24

OS platform architecture

Auto-detection

Add Installer ▾

Save

Apply

Snyk Integration : Summary

Install snyk jenkins pluggin

Create a token in snyk

Create global configuration for snyk in jenkins

Setup synk token in jenkins credentials

Create a synk freestyle jenkins job and input the git url for scanning,

Add snyk as a build step.

Jenkins Job Config

Build Steps

≡ Invoke Snyk Security task

When issues are found ?

☒ Fail the build, if severity at or above ☐ Let the build continue

☒ Fail the build if errors occur ?

☒ Monitor project on build ?

Snyk API token ?

snyk_token

+ Add

Target file ?

Organisation ?

Project name ?

Snyk installation ?

snyk@latest

Additional arguments ?

Add build step ▾

Save

Apply

Jenkins Synk Security Report



Search (⌘+K)



1



1



amrit



log out

Dashboard > SCA-SNYK > #2 > Synk Security Report

↑ Back to Project

☰ Status

</> Changes

📄 Console Output

📝 Edit Build Information

🗑 Delete build '#2'

📁 Git Build Data

🛡 Synk Security Report

← Previous Build

Snyk test report

November 29th 2022, 2:54:11 pm

Scanned the following path:

- /var/jenkins_home/workspace/SCA-SNYK (npm)

10 known vulnerabilities | 14 vulnerable dependency paths | 159 dependencies

Project	node-multiplayer-snake	Path	/var/jenkins_home/workspace/SCA-SNYK
Package Manager	npm	Manifest	package.json

CRITICAL SEVERITY

Improper Input Validation

- Package Manager: npm
- Vulnerable module: socket.io-parser
- Introduced through: node-multiplayer-snake@1.0.3, socket.io@1.7.4 and others

Detailed paths