

# DevSecOps : Pipeline

- Here we will integrate SAST, Image vulnerability & DAST phases to our existing pipelines
- Create pipeline scripts from by selecting pipeline-syntax from Jenkins and generate the corresponding pipeline script .
- Make changes in Image Security scanner job to point to our image `amrit96/snake:latest`

# DevSecOps : Pipeline

## Pipeline Multiplayer-Snake

 [add description](#)

[Disable Project](#)



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### Stage View

Average stage times:  
(Average full run time: ~4min  
32s)

#14

Sep 02  
23:26

2

commits

Cloning Git	SAST	Build- and-Tag	IMAGE- VULNERABILITY- TEST	Post-to- dockerhub	Pull- image- server	DAST
6s	28s	30s	38s	1min 25s	18s	50s
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# Hosts Modification

- Lets make a small change so that we do not need to type our Jenkins ip.
- Open file at below location
- C:\Windows\System32\drivers\etc\hosts  
192.168.1.142 jenkins.com
- Hit jenkins.com and you should be able to get your jenkins page up & running

# DevSecOps Pro

- Thanks for taking up the course, sure you have absorbed enormous amount of knowledge after completing the course.
- Hands-on with DevSecOps pipeline
- I am sure you have a bright upcoming future coming ahead after this course



# Best Industry paid Security Tools

- With my experience I have seen below listed paid tools for Security checks with few false positives
- SAST : Fortify, NetSparker
- DAST : Veracode
- Cloud Security : Beam
- IDS/IPS : Trend Micro
- IT : Qualys

# Security Jobs

- We should include n number of jobs so that we can test out source code & application with n number of tools.
- As no security tool is perfect, each has its own advantages/disadvantages of its own.
- The more security jobs and scans you do the more secure is your infra/app/source code.



# Scheduling Scan

- As we have  $n$  number of jobs, we need to validate and selectively decide which tools too use in our phases.
- For others we can have a daily schedule builds to keep a check on the security aspect and find any new findings if possible.