**Choosing the DAST tool**

**What to look out for:**

* The programming language and framework does not matter when choosing the DAST tool, DAST is language agnostic.
* Costs since most of the pro DAST tools are costly
* Accuracy, since there are false positive and false negative results the chosen DAST Tool may need you to re-check your code manually.
* The Integration with our Stack: spring boot, maven, gitlab CI/CD, Ubuntu vm, Docker image.
* Does authentication scans?

**Which tool is chosen? : dast-zap.**

-1- dast-zap is designed to search the vulnerabilities for web apps over HTTPS

-2- dast-zap is easily integrable with our work environment.

-3- it can scan for Authentication issues

-4- it covers OWASP top 10 security vulnerabilities and more.

-5- dast-zap has high accuracy; evevn if you have false positives you will be alerted that you have weak spots that you need to check.

-6- it has zero financial or usability restrictions, its fully free and open source

-7- its documented and updated occasionally.