



# How to Integrate OWASP ZAP into Jenkins?

Yen Chen (yenc@kth.se)



# Outline

- What's DAST?
- OWASP ZAP
- Demo
  - OWASP JUICE SHOP
- Take Home Message



# What's DAST

- Dynamic Application Security Testing
- Test running applications
- Black box task



# OWASP ZAP

- OWASP Zed Attack Proxy (ZAP)
- An open source DAST tool
- Web app scanner



# DEMO



# OWASP JUICE SHOP

- Insecure web application
- Security training



<https://www.zaproxy.org/docs/alerts/>



# Take Home Message

With a few configurations, web scanning can be integrated into CI process easily.





# Reference

- [https://en.wikipedia.org/wiki/Dynamic\\_application\\_security\\_testing](https://en.wikipedia.org/wiki/Dynamic_application_security_testing)
- <https://medium.com/globant/owasp-zap-integration-with-jenkins-795d65991404>
- <https://localcoder.org/docker-not-found-when-building-docker-image-using-docker-jenkins-container-pipeline>
-