

Shift Left With GitHub Advanced Security

hands-on demo

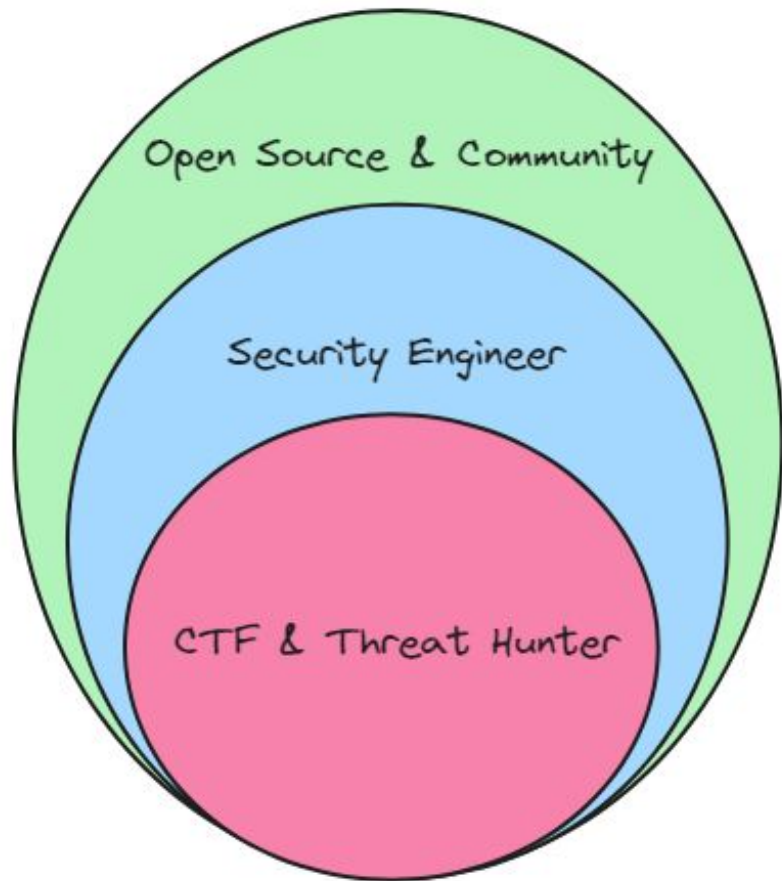


\$whoami

Shubhendu Shubham

“sudo rm -rf / problems”

aka Troubleshooter



CTF BADGES



CERTIFICATIONS



SC 100



AZ 305



AZ 104



AZ 500

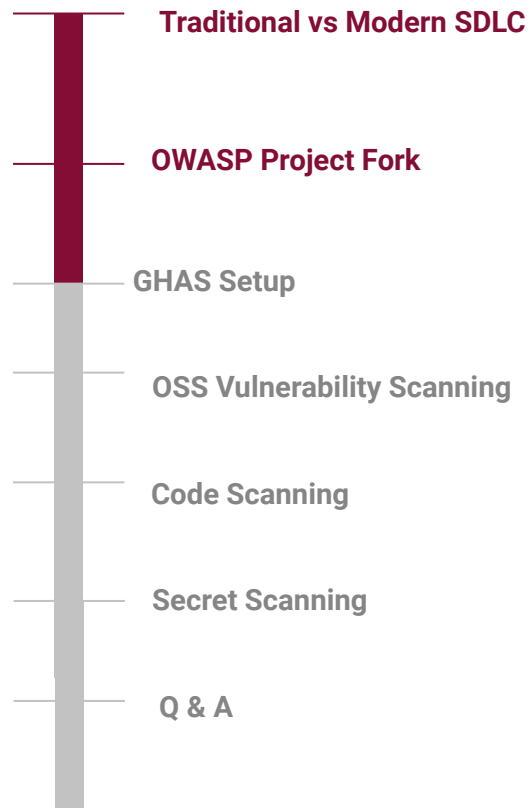


AZ 700

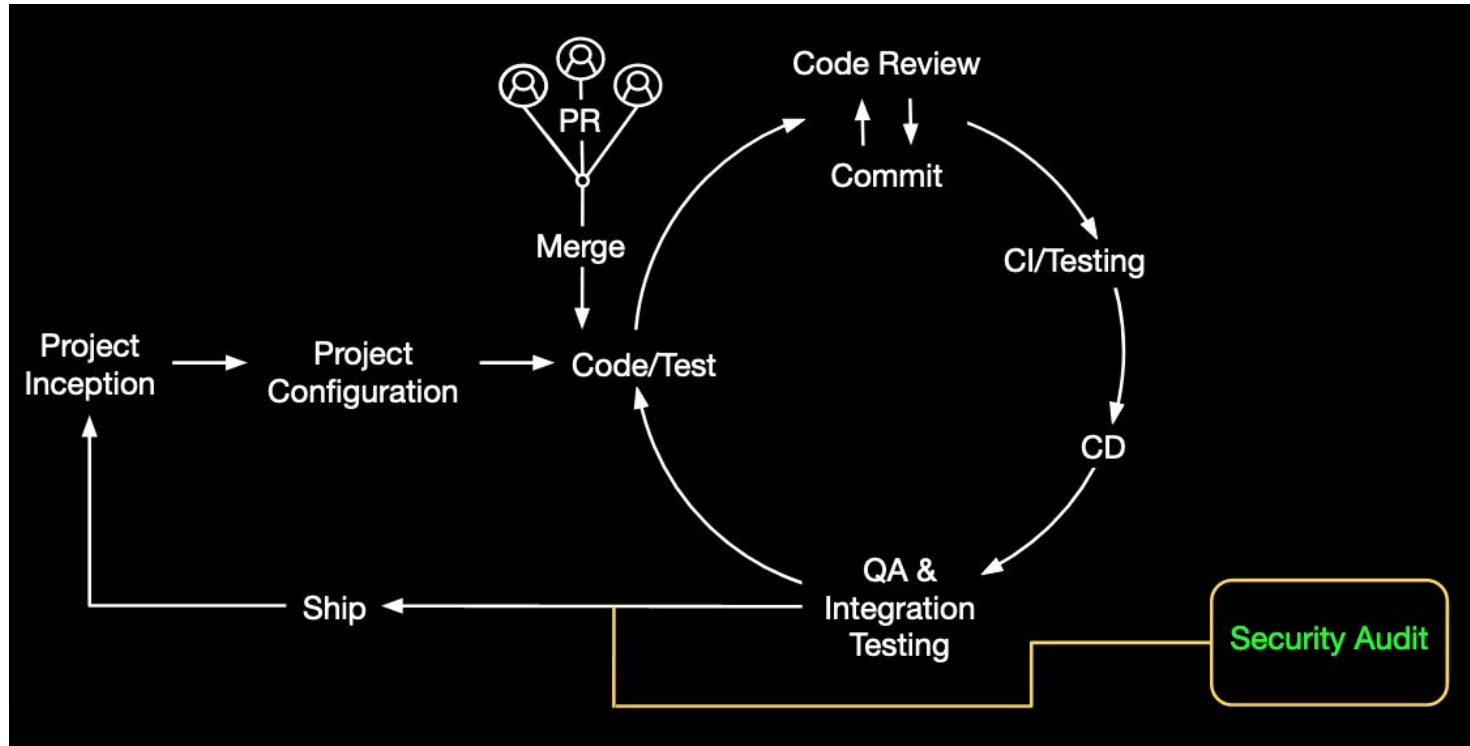
Community



Agenda



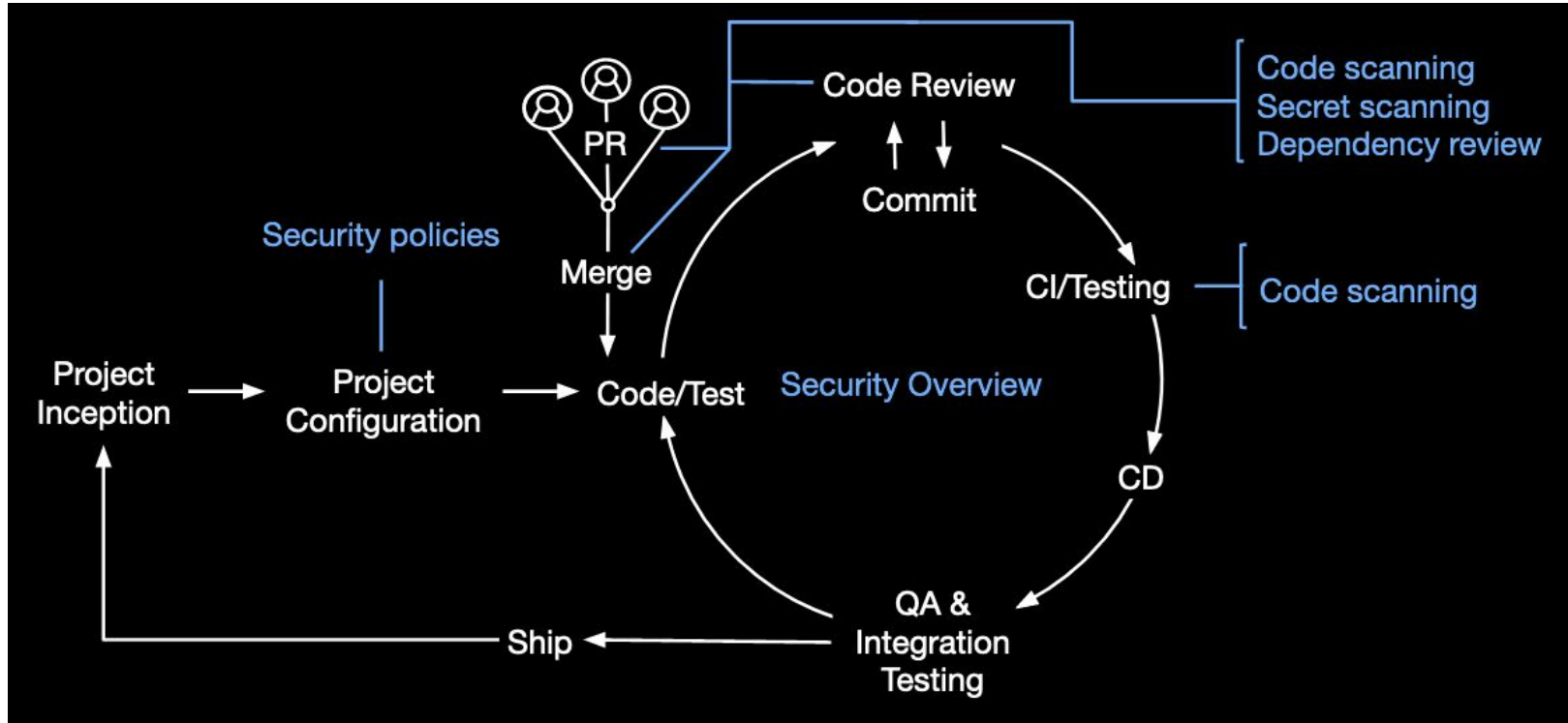
Traditional Approach: “Security As Gate”



Issue:

- Single security Test
- Series of security Test only at Quality-Assurance phase
- Bottleneck in software shipment

New Approach: "Security Towards Left"



Benefits:

- Code scanning scans for potential vulnerabilities and coding errors at every commit and merge.
- Secret scanning also scans for tokens and private keys that might have been accidentally committed at every commit and merge.
- Dependency review keeps track of the project dependency changes and their impact on the project security by comparing the repository manifest files to the databases of known vulnerabilities at every pull request.

Demo

Beyond the [PPT](#)



References

1. <https://docs.github.com/en/get-started/learning-about-github/about-github-advanced-security>
2. <https://docs.github.com/en/code-security/getting-started/github-security-features>

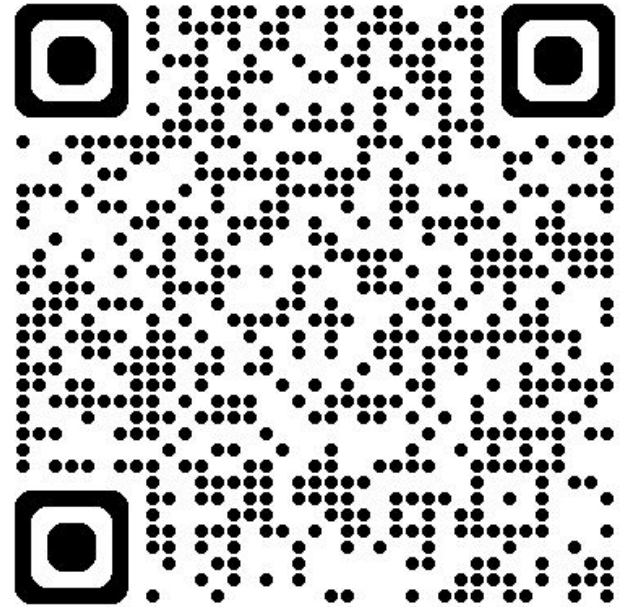
Summary

“In the future, no one in their right mind will start a new project without introducing security from day one.”

- David Melamed, CTO and co-founder of Jit

What's Next ?

This is not
Phishing QR ,It's
my LinkedIn **Don't**
Trust Always
verify



Thank you!