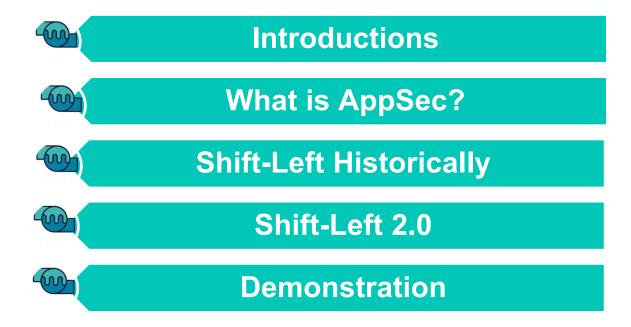


Will The Real 'Shift-Left' Please Stand Up?

Brought to you by mend.io

Tonight's Agenda





Introduction - Speaker



Lives in Oxford, UK

Worked for Mend for over 2 years

Enjoy a challenge!

Nicholas Shamsfard Sales Engineer – Nordics & BeNeLux



Introduction – Mend.io



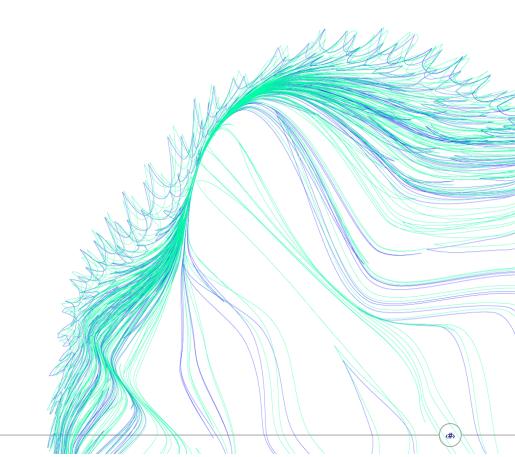
1000+ Customers

Over 1.4m End Users

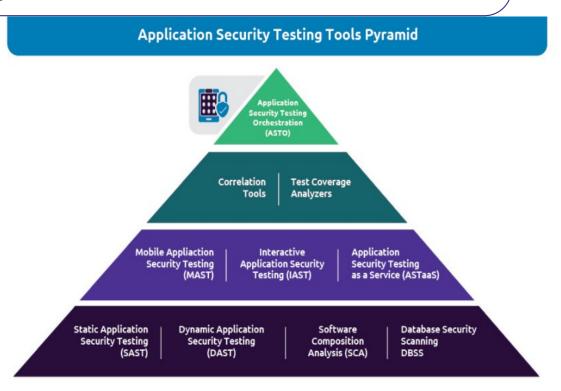




What is AppSec?



AST Tools Pyramid



Reference: capgemini.com/2021/04/false-positives-in-web-application-security-take-up-the-challenge/



Where We Have Come From?

Security mainly centered around network and perimeter defenses.

Emergence of automated SAST and DAST tools. CI/CD practices become more widespread, influencing AppSec processes. Growing interest in DevSecOps as a holistic approach to integrate security seamlessly into the development process.

Enhanced
use of
automation
and machine
learning for
threat
detection and
response.

<2000

2000s

Mid-2000

<2010s

Mid-2010

Late 10's

2020

Now

Late 20's

The Open Web Application Security Project (OWASP) is founded in 2001, becoming a central resource for AppSec best practices.

Adoption of the Software Development Life Cycle (SDLC) security, promoting secure coding practices from the beginning. Emphasis on secure coding education for developers.

Greater collaboration between development, operations, and security teams to ensure a more cohesive and proactive AppSec approach.

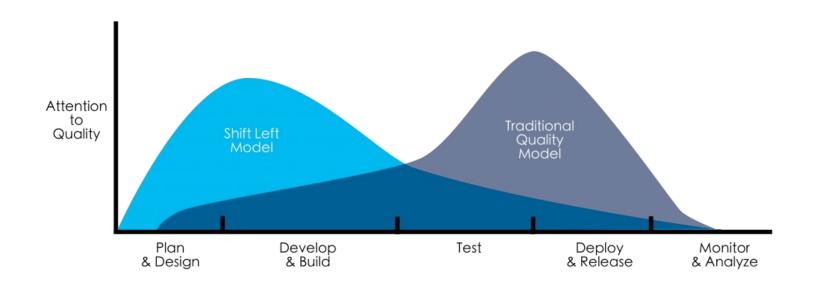


Whitepaper Mind Cloud





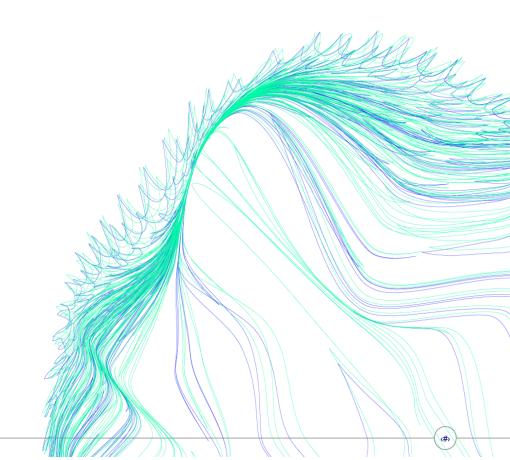
AppSec Traditional Approach vs Shift-Left



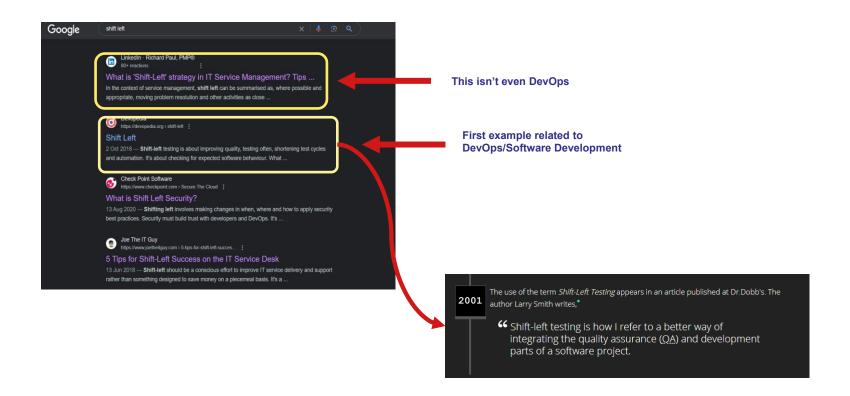
Source: van der Cruijsen 2017.



Shift-Left History



Shift-Left History





None Of These Qualify As Shift-Left

Just enough coverage

Piecemeal approach

Poor workflow

Manual Approaches

Stuck in reactive mode



Defining Shift-Left 2.0

Cover majority of applications

Automatic Enrollment

Defined remediation strategy

Pro-active

Little Human Interaction

Little/No Reliance on early SDLC



Mend.io Tools

ONE TEAM. ONE MISSION. ONE PLATFORM.











Demo Time!



Free Tools You Can Use

SCA - Renovate

SCA - OWASP DT

DAST - OWASP ZAP/Nuclei

SAST - OWASP Lists

Questions?

