

SecDevOps

Security always goes first

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JOSE ARACIL



NOT security expert (anymore...)

NOT developer

NOT tester (anymore)

NOT operations





What my friends think I do



What my mom thinks I do



What society thinks I do



What my boss thinks I do



What I think I do



What I actually do



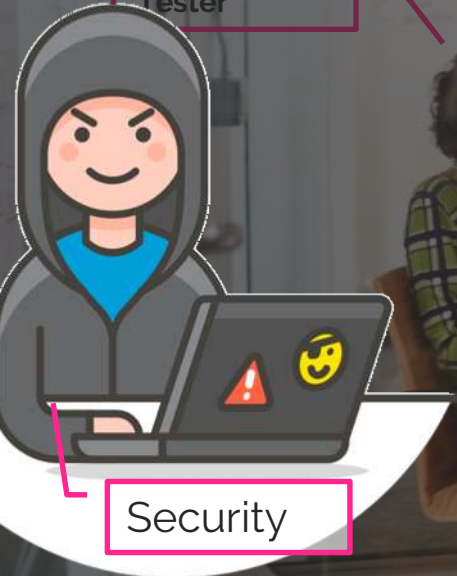


Product
Owner

Scrum
Master

Team member
Tester

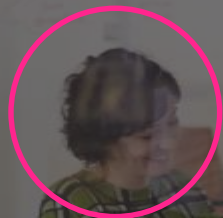
Team member
Developer



Security

50:1

testers vs security

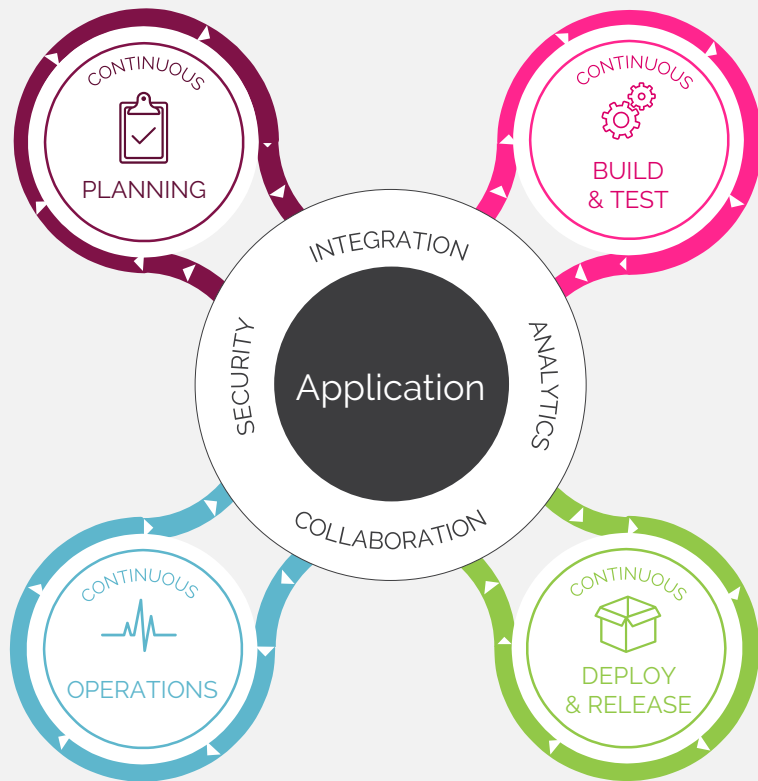




Agile



DevOps



Agile



DevOps



Risk analysis and “Threat modelling”



- What kind of personal data are we collecting?
- How are we going to protect data against attacks (external or internal)?
- What kind of security measures are in place on each environment (dev, test, integration...)?
- What have we learn from previous deployments?
- What sort of attacks and threats we have on production?



SAST

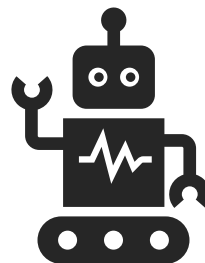
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Application 1	95	Low	0	0	0	0	100%	0%	0%	0%	0%	0%	0%	0%	0%
Application 2	85	Medium	1	2	3	4	90%	5%	10%	0%	0%	0%	0%	0%	0%
Application 3	75	High	2	5	10	15	80%	15%	10%	0%	0%	0%	0%	0%	0%
Application 4	65	Critical	3	10	20	30	70%	20%	10%	0%	0%	0%	0%	0%	0%
Application 5	55	Critical	4	15	30	45	60%	25%	15%	0%	0%	0%	0%	0%	0%



ETHICAL HACKING



DAST



**ACCESS RIGHTS
MANAGEMENT**



RASP



END USER BEHAVIOUR



Application Security



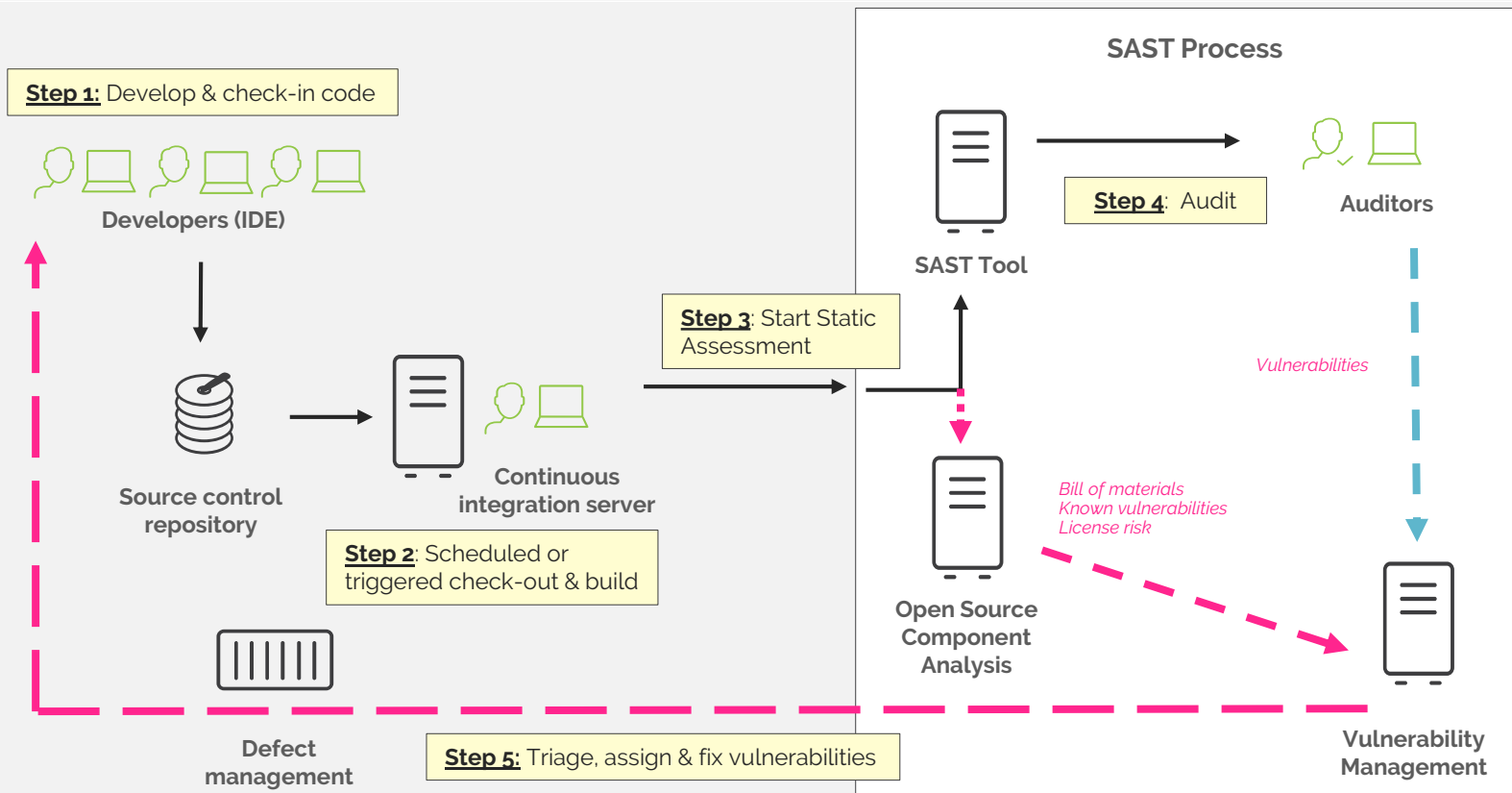
INTEGRATED



AUTOMATED



AGILE





SecDevOps

FUNCTIONAL
TESTING

PERFORMANCE
TESTING

SECURITY
TESTING

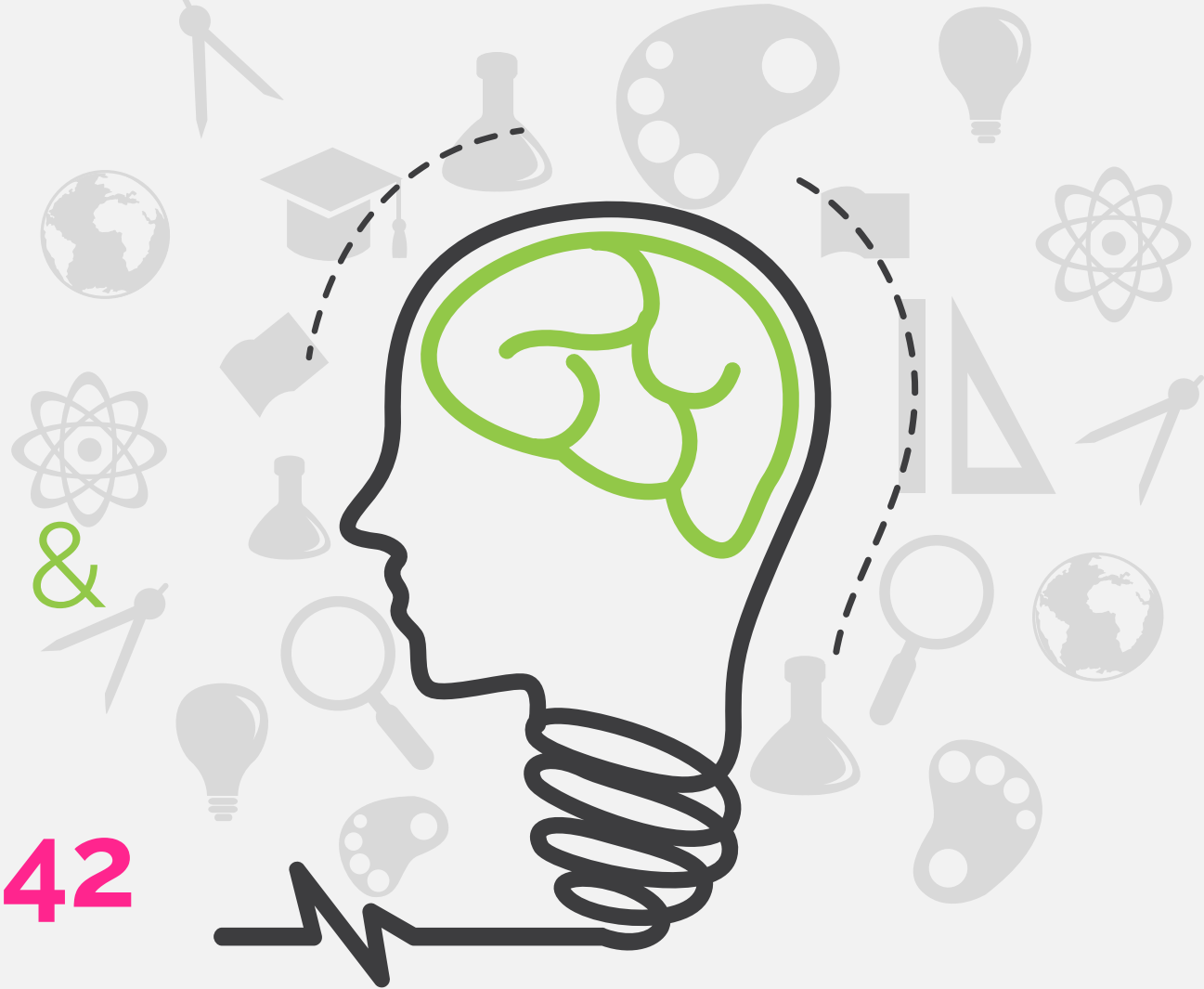
SYSTEM
MONITORIZATION

Next steps in SecDevOps



Questions & Answers

Stand **9-642**





Thank you for you time

Let me know if there's anything else I can do for you