Vulnerability Management Process

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whoami

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this presentation and my opinions are my own and do not reflect the views of my company

HEAD: Security and Compliance Team

- Application Security, Compliance Management, Incident Response, Bug Bounty Triaging, Software Engineering

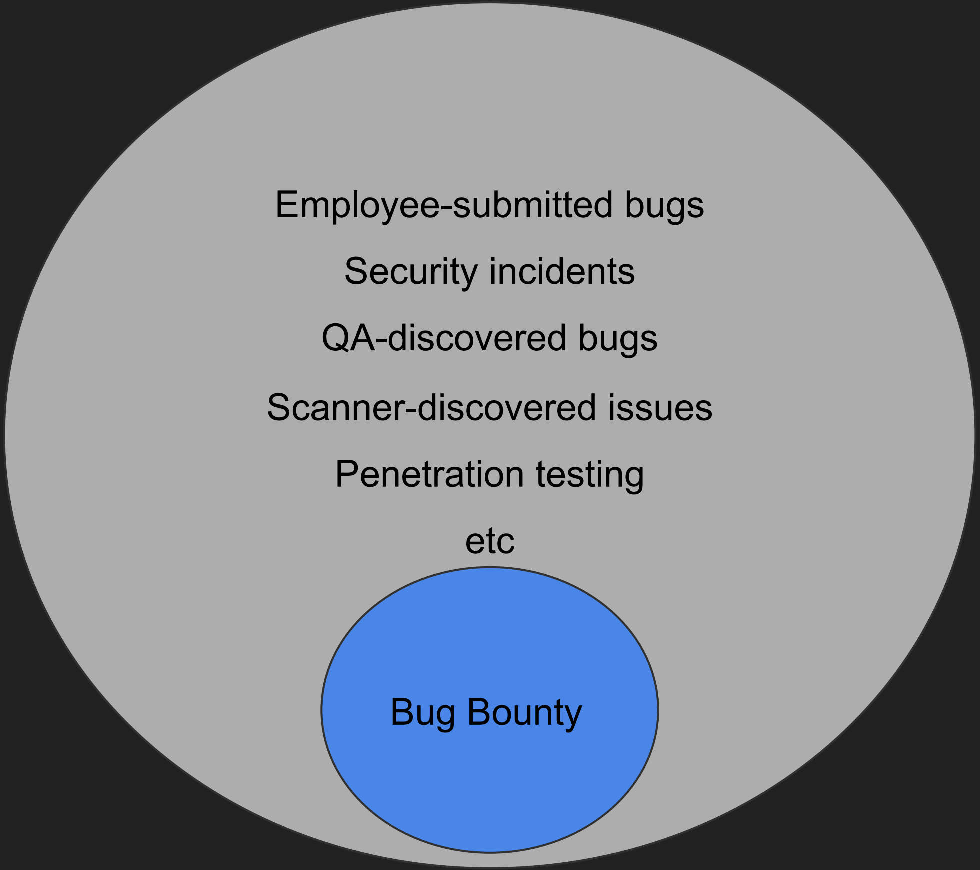
HEAD~1: Payments and Subscriptions Software Engineer

- Software Engineering, Product Development

goal

Raise awareness and visibility of the entire bug bounty lifecycle

Panel: Let’s Get 360 With Bug Bounty (BSides SF 2020)
L-R: Jeff Boothby, Maria Mora, Chloé Messdaghi
Out of frame: cache-money, nahamsec



Employee-submitted bugs

Security incidents

QA-discovered bugs

Scanner-discovered issues

Penetration testing

etc

Bug Bounty

scope

bug bounty program

1. Reports come in
2. We determine severity
3. Give the $
4. Fix the bug

bug bounty program

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   a. Try and replicate (back and forth)
   b. See if QA or engineering teams can help
   c. A lot of communication here
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bug bounty program

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3. Give the $
   a. Figure out how to get them the money
   b. Ensure money gets to them
   c. Work with other departments to disburse funds
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bug bounty program

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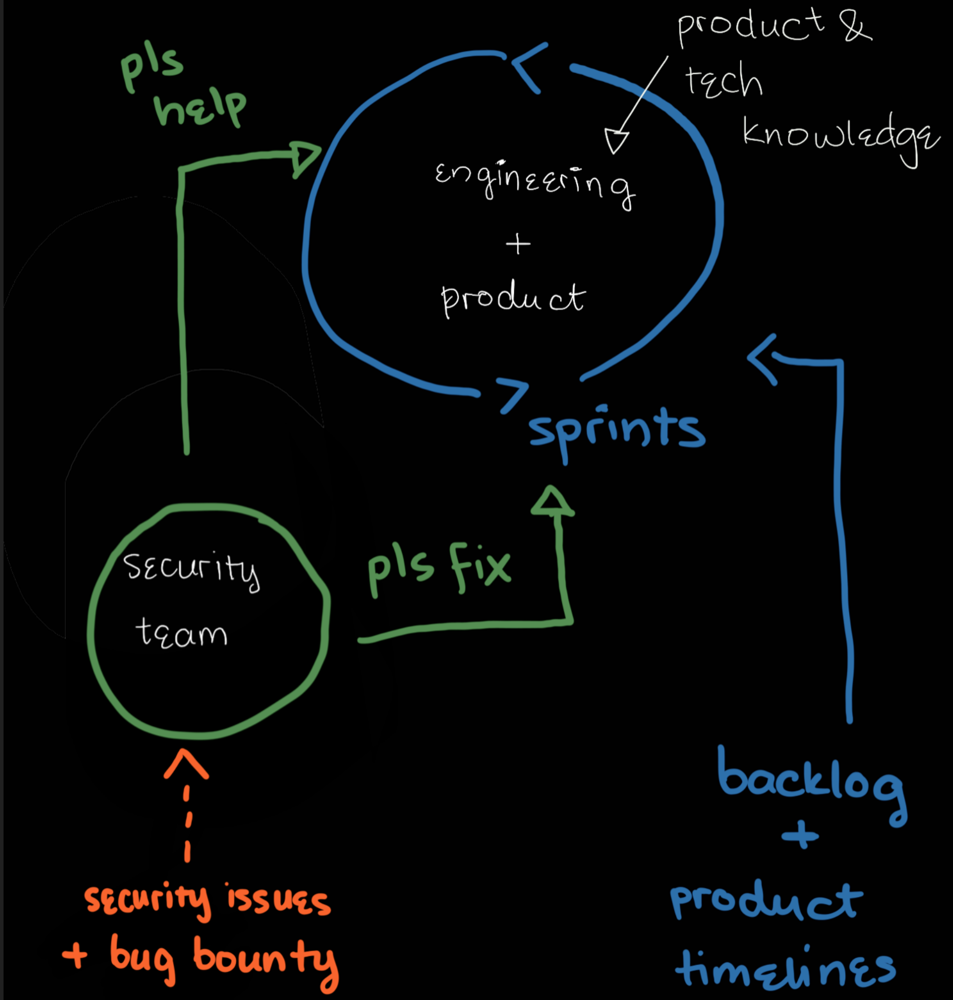
~~4. Fix the bug~~ Get others to fix

consider

it takes a village



company A

↓

Legacy Code

company B

↓

no dedicated security team

company C

↓

don't have their ★★★★ together

triagers, bug bounty hunters, product and engineering teams, students, newbies, companies, engineering leadership, company leadership

that's just **part** of the story