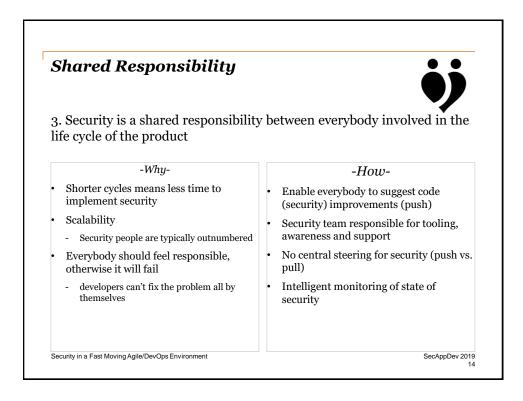
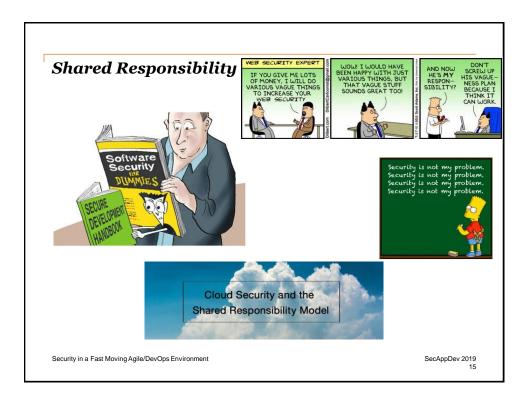
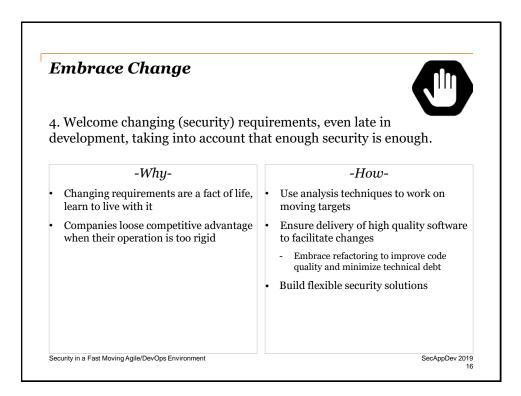
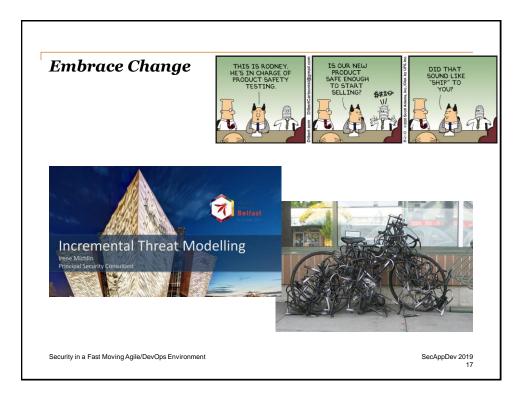


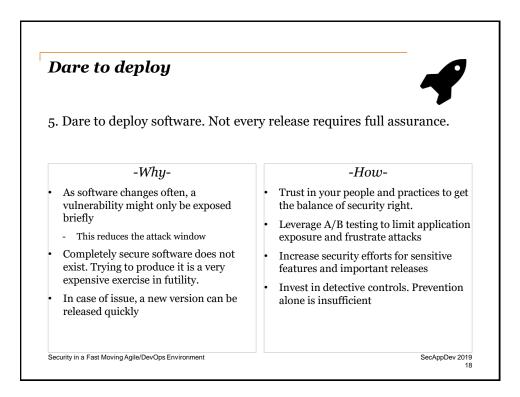
| | over Docur | | YOU DIDN'T ACCOMPLISH ANY- THING THIS MONTH SURE I DID. | I DID THE MANDATORY TRAINING THAT HAS NO USE, ATTENDED YOUR MANDATORY MEETING TO MAKE HAT DON'T HELP, AND FILLED DUT REGULATORY MERLIGHT AND AND AND AND USE ATTENDED TO AND FILLED DUT REGULATORY MERLIGHT AND AND AND AND AND FILLED DUT REGULATORY MERLIGHT AND |
|-----------------------------|-------------------------------------|--|--|---|
| POST /host | 8 | Creat | | |
| Parameters | | Dit | ert.com - 6.30.14 @ Scott Adams, Inc. | |
| Parameter | Value | Description | Parameter Type | Data Type |
| stream | (required) | Input JSON | body | Model Model Schema |
| | Parameter content type: application | អហ៊ូនលា 📴 | | "127.8.8.1"], "location": { "letenetId": "of:000000000000000000, "port": "3" } |
| Response M HTTP Status C | | And the SQL-Injection And the attack streng And the alert thresh | n policy is ena gth is set to H old is set to L | ligh |
| 200 | successful operation | When the scanner is run And the following false positives are removed | | |
| default | Unexpected error | And the XML report is | url parameter cweId wascId And the XML report is written to the file build/zap/sql_injection.xml | |
| | | | | rabilities should be present |

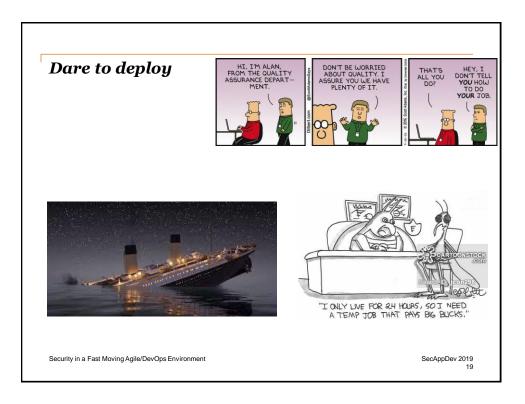


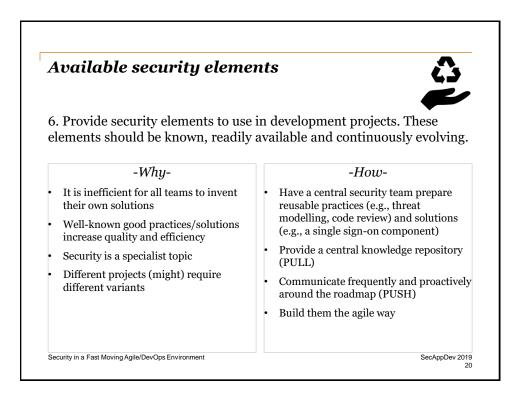


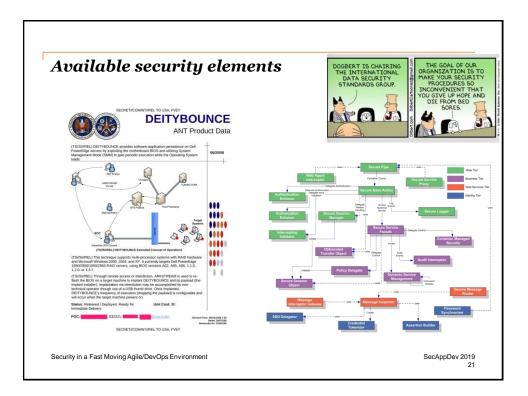


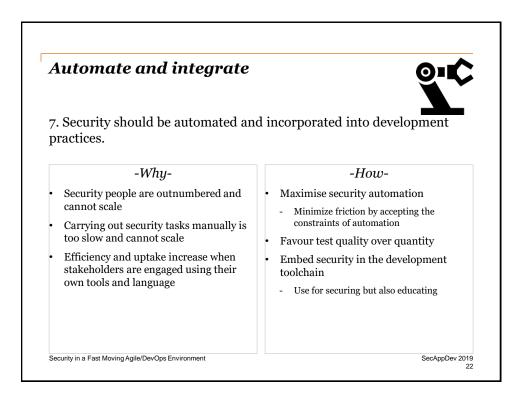


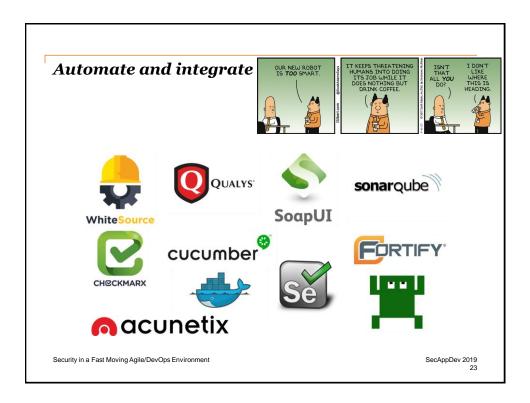








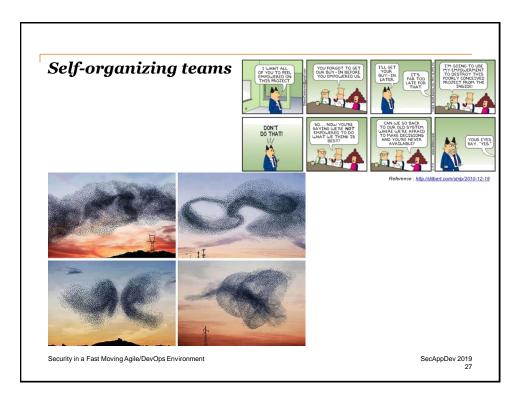




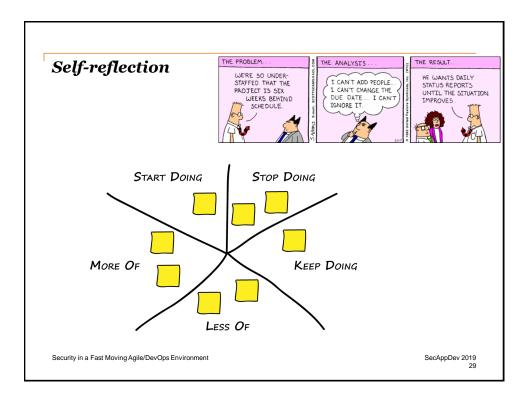
| Motivation | ۶- |
|--|--|
| 8. Build projects around motivated secure software is an intrinsic motiv - <i>Why</i> - | 0 |
| Motivated people produce better software | Disseminate concrete advice on how to develop secure software |
| Developers are genuinely interested in security, given concrete advise Developers influence each other Motivation is a critical success factor for any secure development initiative | Enable developers to better understand security but appreciate the limits of their knowledge |
| | Encourage attending events to foster curiosity and learningFavour reward over punishment |
| | Gamify learning to increase engagement |

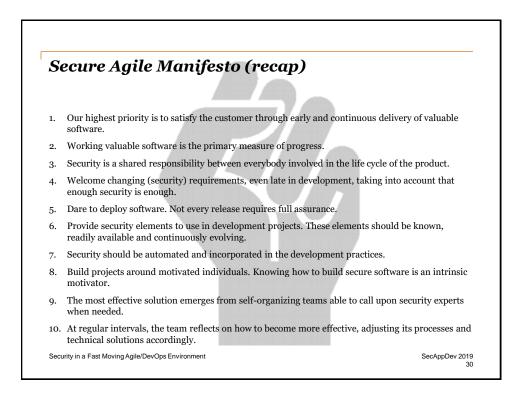


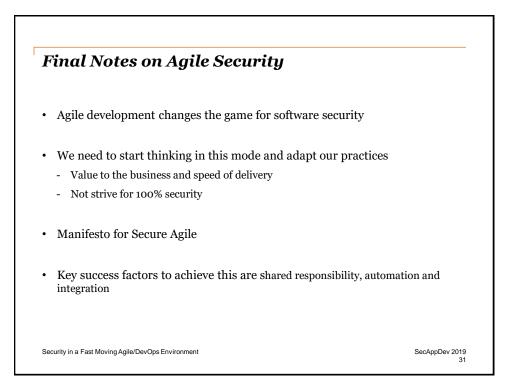


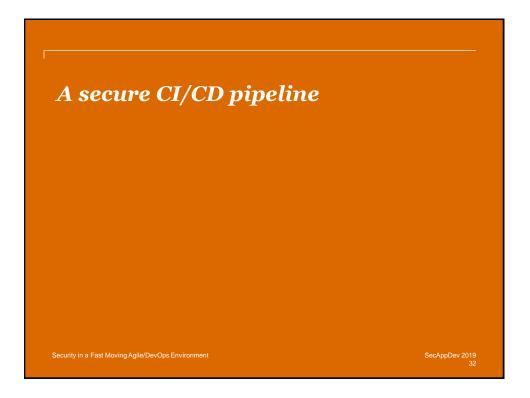


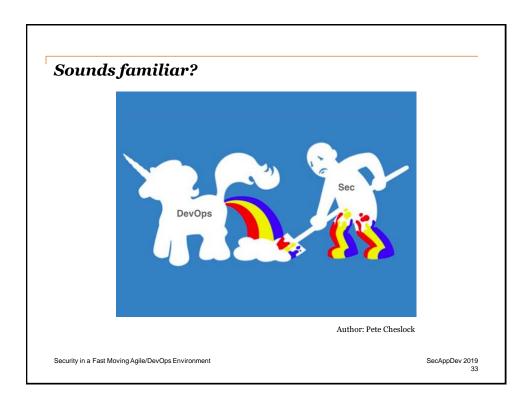
| Self-reflection | | | | |
|---|---|--|--|--|
| 10. At regular intervals, the team reflects on how to become more effective, adjusting its processes and technical solutions accordingly. | | | | |
| -Why- | -How- | | | |
| • Paradigms change. Technologies change. Organisations change. People change. | • Treat security as an explicit topic within retrospective meetings. | | | |
| • Cater for these changes by constantly looking for better ways to organize your | Allow to fail - Failure to deliver is a learning opportunity. | | | |
| delivery. | Learn from other teams what works well and what doesn't. | | | |
| | | | | |
| | | | | |
| | | | | |

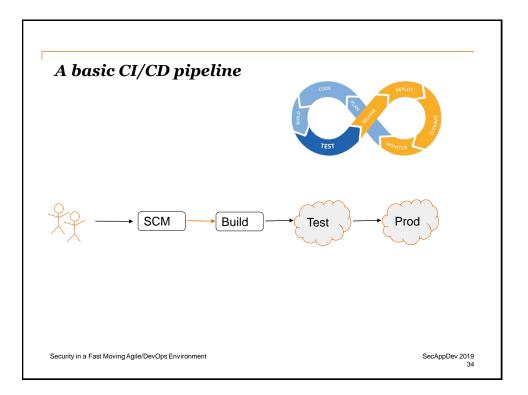


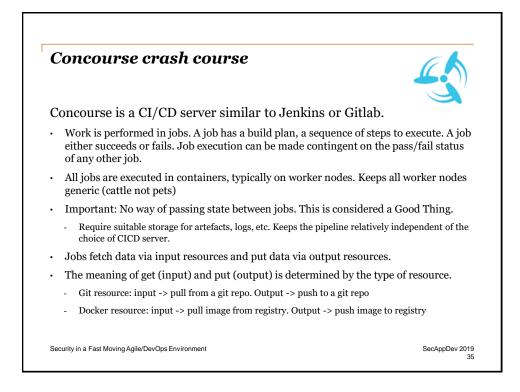


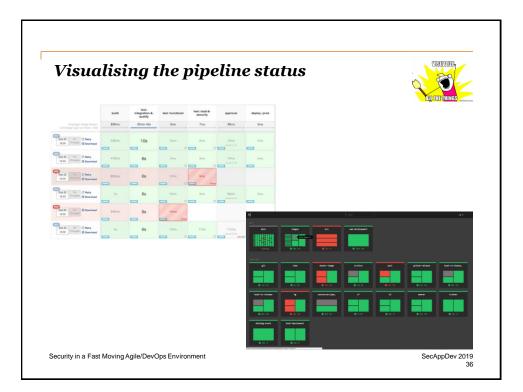






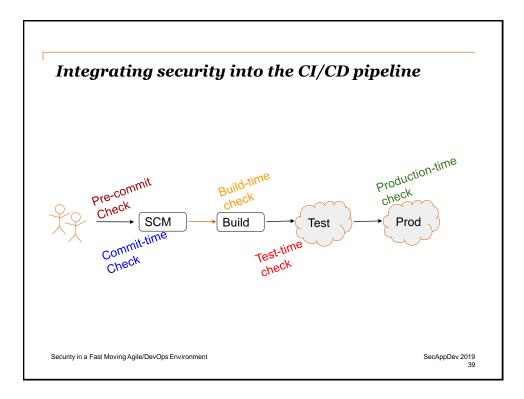


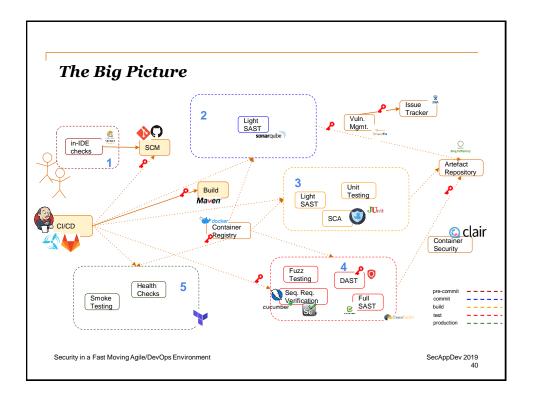


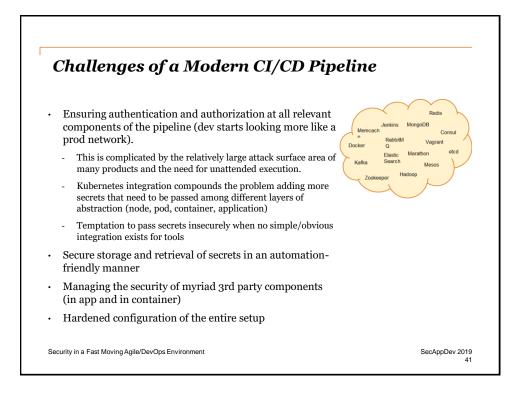


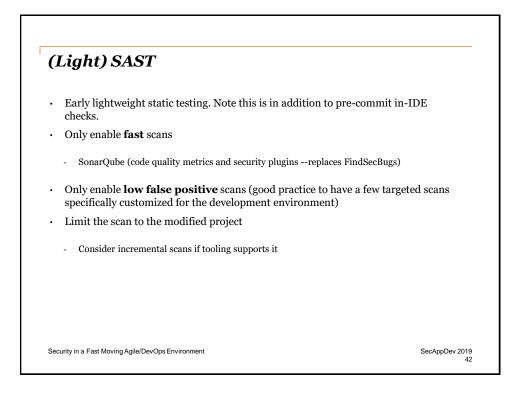
CI/CD good practices (1/2) Pipeline as code. • - Text files, versioned, tested, stored in CMS. No secrets in repositories or images. • Use something like truffleHog to find any accidentally committed secrets. -Cattle not pets. • Automatically deployable pipeline without hacks -Be explicit about versioning: Same input produces the same output _ Don't save state in the pipeline -Perform all work in jobs which will be scheduled on worker nodes, freeing up master. Security in a Fast Moving Agile/DevOps Environment SecAppDev 2019

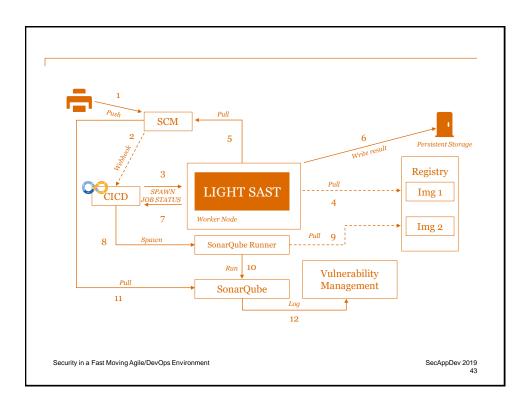


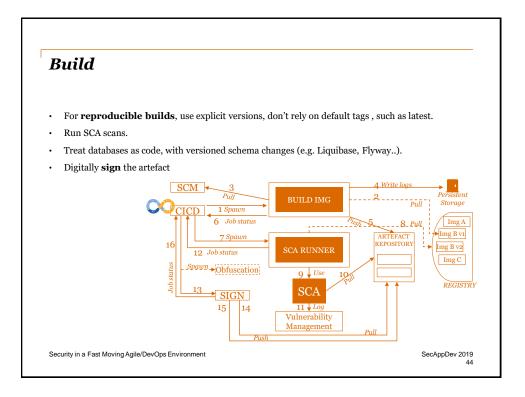


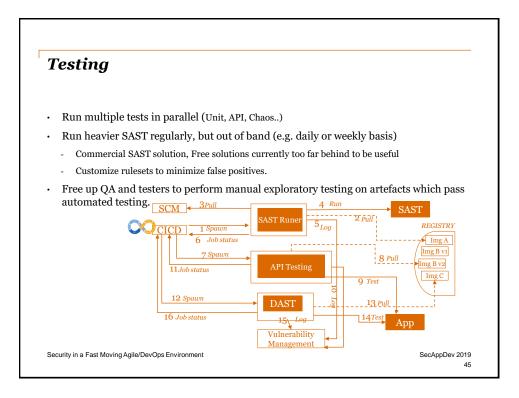


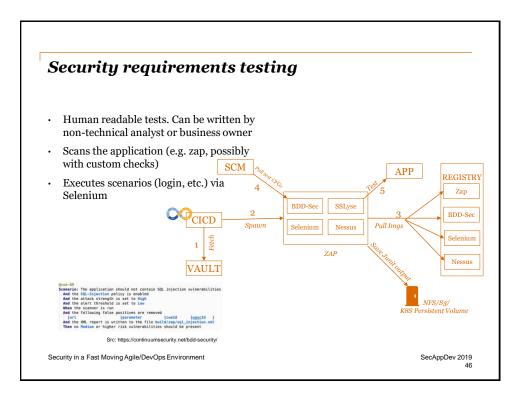


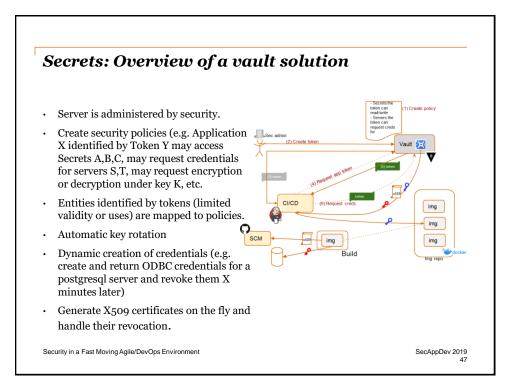


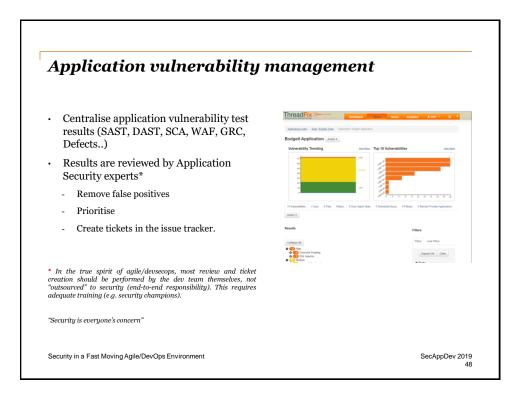












Containers (1/2)

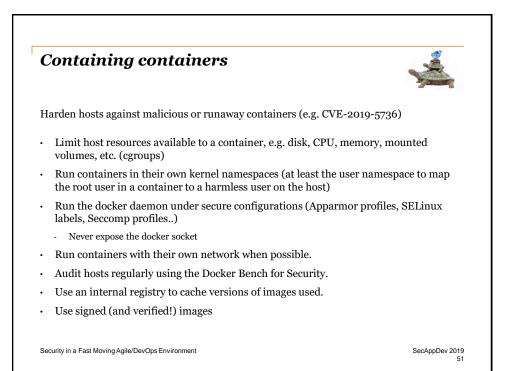
Convenient but add complexity and potentially increase an application's attack surface.

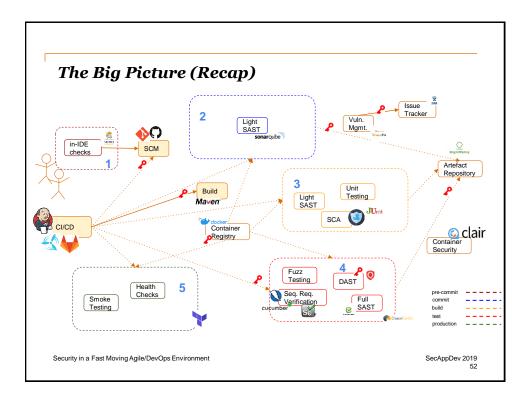
- · Define images in text files, versioned, and stored in SCM.
 - For reproducible builds, be explicit about versioning, don't use the latest tag.
- Reduce the container's attack surface by using minimal base layers (alpine, busybox, scratch, distroless..)
 - But, beware regressions due to insufficient testing against non-standard libraries (musl, uclibc)
- · Never include secrets in build images. Use build-time --secret
- Do not pass secrets to containers on the cmdline or via the environment. Use docker secrets.
- · Store images in a central registry
 - Regularly scanned for vulnerabilities
 - Semantically tagged (production, testing, secure, etc.)
 - certified/policy enforcement gives more assurance in automatically deployed artefacts.

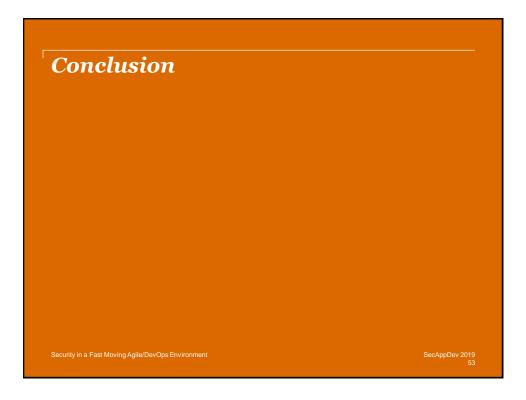
SecAppDev 2019 49

Security in a Fast Moving Agile/DevOps Environment

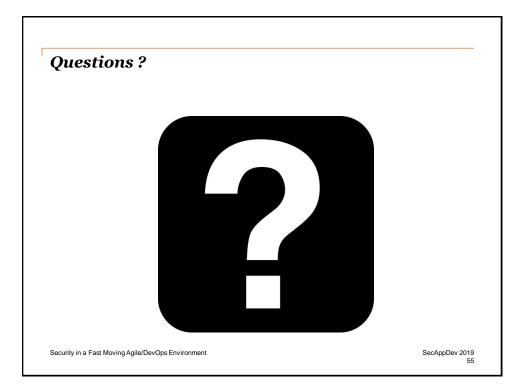
Containers (2/2) FROM debian:jessie-slim RUN apt-get update && apt-get -y install ca-certificates ADD https://get.aquasec.com/microscanner / RUN chmod +x /microscanner MicroScanner can scan at build time. No docker image is produced if too many vulnerabilities are found. ARG token RUN /microscanner \${token} RUN echo "No vulnerabilities!" Most other container scanning tools require a registry (Clair, Anchore). This can be conveniently combined with an artefact repository (e.g. artifactory). Leverage policy-backed trusted registries POST /lavers GET /layers/:name CVE Data s REST API Security in a Fast Moving Agile/DevOps Environment SecAppDev 2019 50

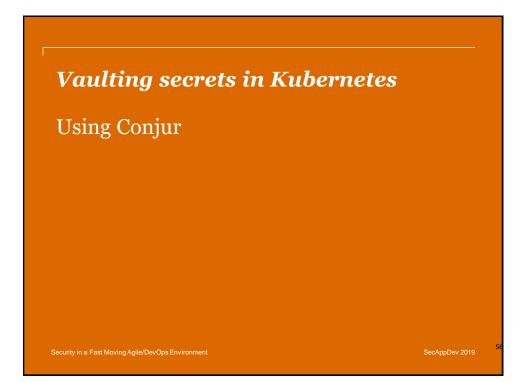


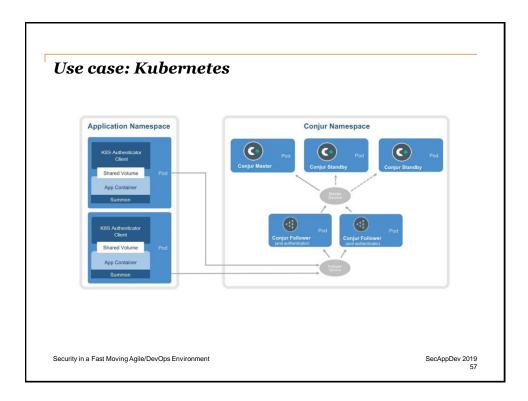


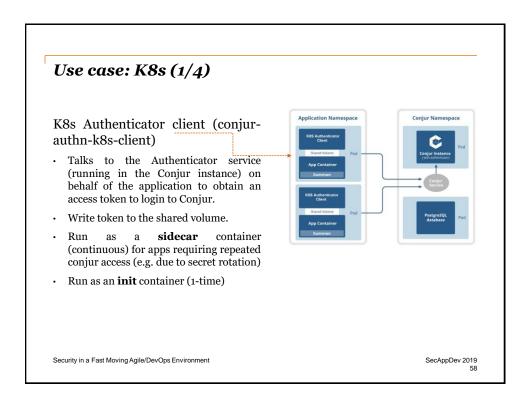


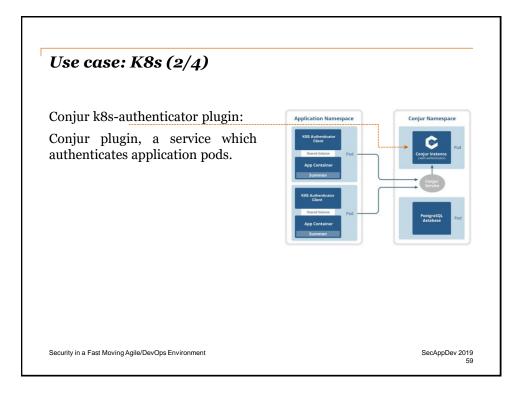
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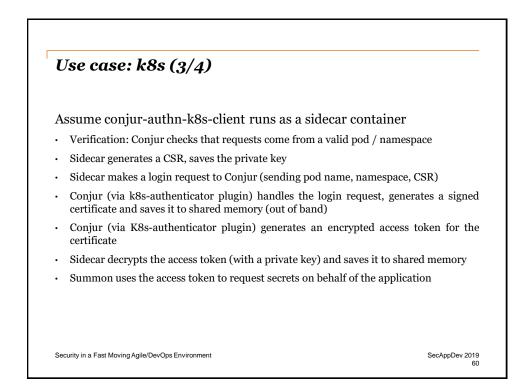


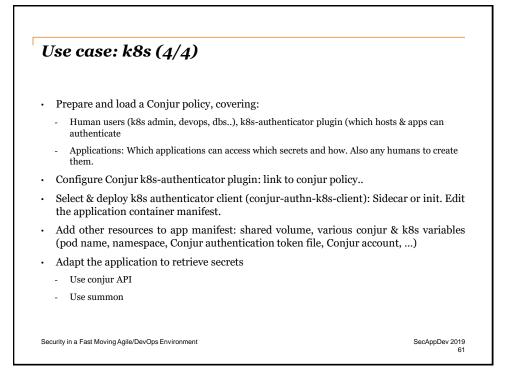


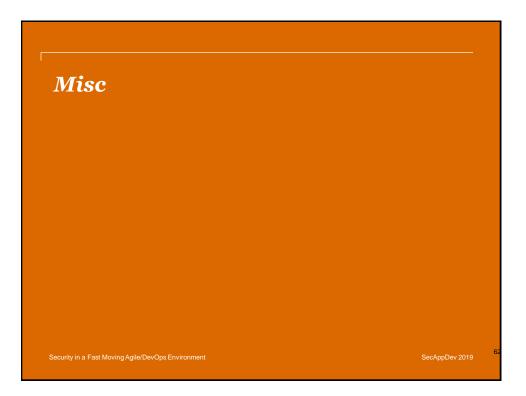


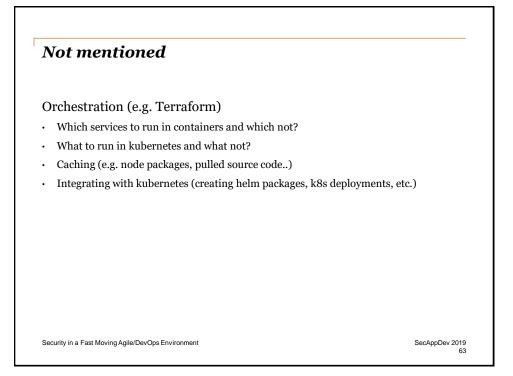


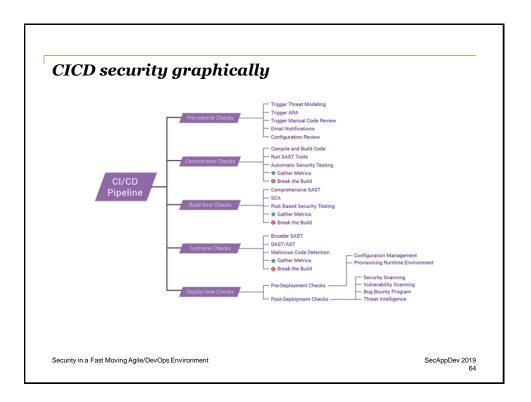


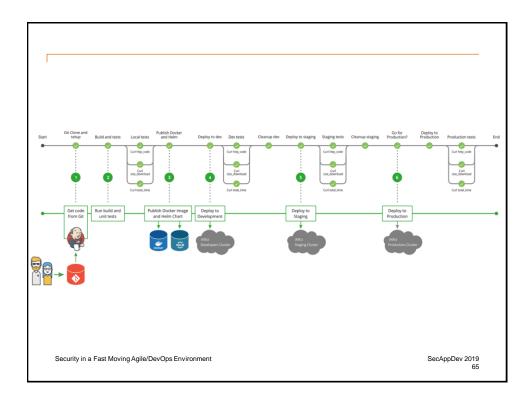


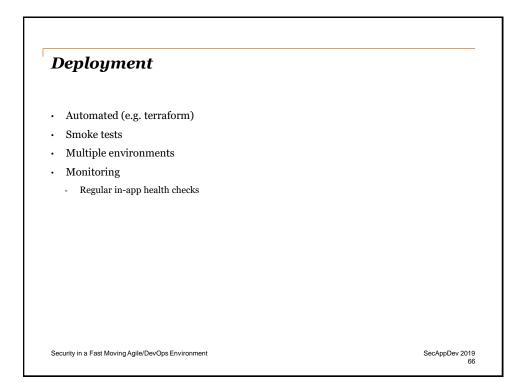












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