

DEVSECOPS  
MORE THAN JUST PIPELINES - TANYA JANCA  
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BIASED TOWARD  
SECURITY

DEVOPS IS  
NOT JUST  
ABOUT  
PIPELINES



TAKE NOTE!

WHEN WE INTEGRATE  
OFTEN WE HAVE  
FEWER ERRORS

DEVSECOPS  
APP SECURITY  
TO A DEVOPS  
ENVIRONMENT

ITS NOT ABOUT ADDING  
500 TOOLS TO THE PIPELINE

= CHAOS ENGINEERING



BUILD SYSTEM  
WHILE IT RUNS

CI = CONTINUOUS  
INTEGRATION

- KEEP UPDATING THE MAIN BRANCH
- CONTINUOUS TESTING INTEGRATION

CD = CONTINUOUS  
DEPLOYMENT

APPLICATION  
SECURITY  
EVERY + ANYTHING  
YOU DO TO ENSURE  
YOUR SOFTWARE  
IS SECURE

FINDING BUGS

- REAL-TIME TEST
- SCAN FOR BUGS ON CHECK IN
- RUN PAST ON AUTOMATED SCANS



INVENTORY

- YOU CAN'T PROTECT IT IF YOU DON'T KNOW YOU HAVE IT
- YOU CAN FIND WHAT YOU HAVE AUTOMATED TOO FAST

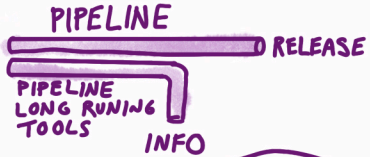


APP SEC SHADOW



APPSEC  
ADVISOR

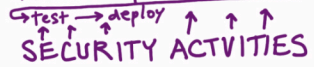
NEGATE UNIT TEST  
SCA | IDE HOOKS |  
CODE REPO SCANS



THE 3 WAYS  
of DevOps

- 1 EMPHASIZE THE SPEED OF THE ENTIRE SYSTEM
- 2 = FAST FEEDBACK TO THE RIGHT PEOPLE AT THE RIGHT TIME
- 3 CONTINUOUS LEARNING - PERFECTING + HONING SKILLS

SECURE SYS DEV  
LIFE CYCLE - reqts → des → impl → integr,



METRICS +  
EXPERIMENTATION +  
FEEDBACK

= CONTINUOUS  
IMPROVEMENT

