

DevOpsSec: Building CI/CD with Security Teams

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Late 1990's

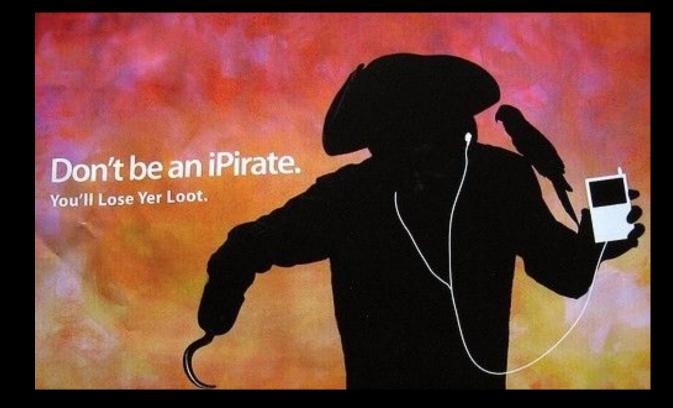
YOU CAN CLICK BUT YOU CAN'T HIDE







Early 2000's





Find the "software pirate"











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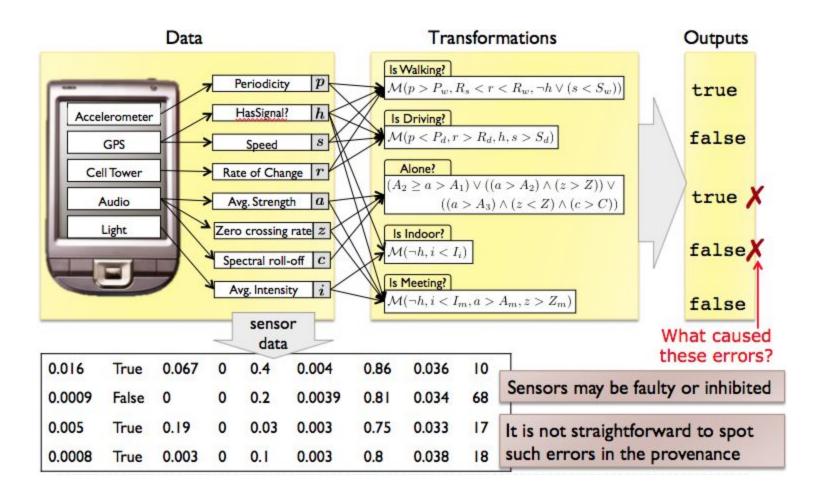




Spring 2001: 15yo ...with a security clearance







B-24 LIBERATOR VS Ki-43 OSCAR

China and Burma 1943

EDWARD M. YOUNG







SORENSON'S LESSONS









Standardized

Interoperable

Multi-vendor



STANDARD PARTS STANDARD PROCESS

Eliminate redundancy

Encourage flexibility

Drive modularity







STANDARD PARTS

STANDARD PROCESS

STANDARD

BUILD FOR CHANGE

Turn craftwork into commodities.

Design for improvement, not function.



SORENSON'S LESSONS



RELEASES PER YEAR







SORENSON'S LESSONS



RELEASES PER YEAR







The Problem

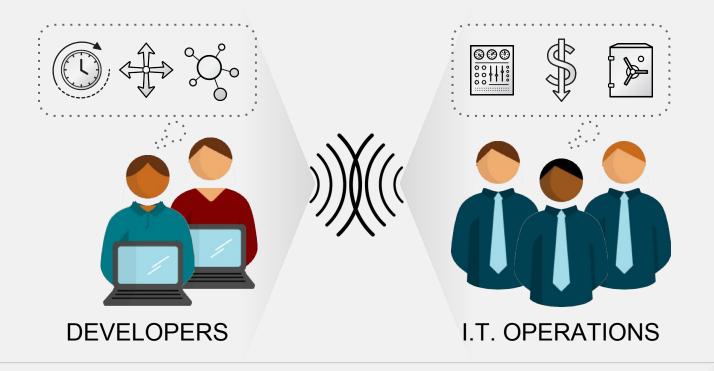
Applications require complicated installation and integration every time they are deployed







THE PROBLEM







DEVOPS

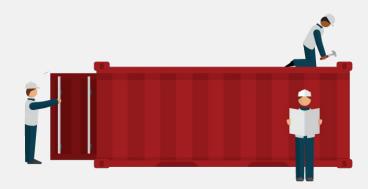






A Solution

Adopting a container strategy will allow applications to be easily shared and deployed.





WHAT ARE CONTAINERS?

It Depends Who You Ask

INFRASTRUCTURE

APPLICATIONS

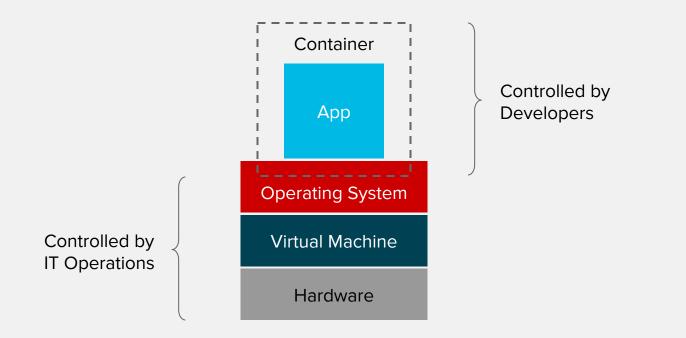
- Sandboxed application processes on a shared Linux OS kernel
- Simpler, lighter, and denser than virtual machines
- Portable across different environments

- Package my application and all of its dependencies
- Deploy to any environment in seconds and enable CI/CD
- Easily access and share containerized components





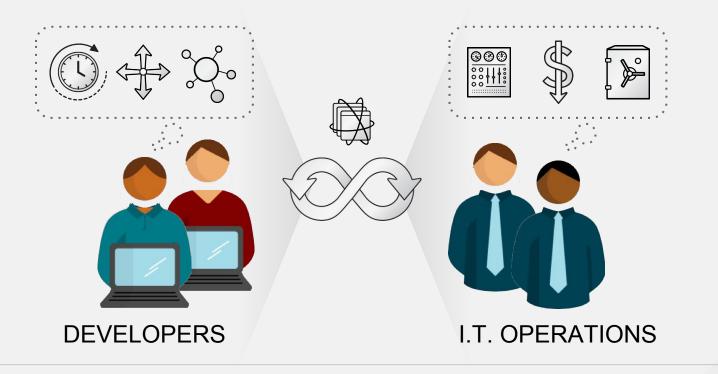
A SOLUTION



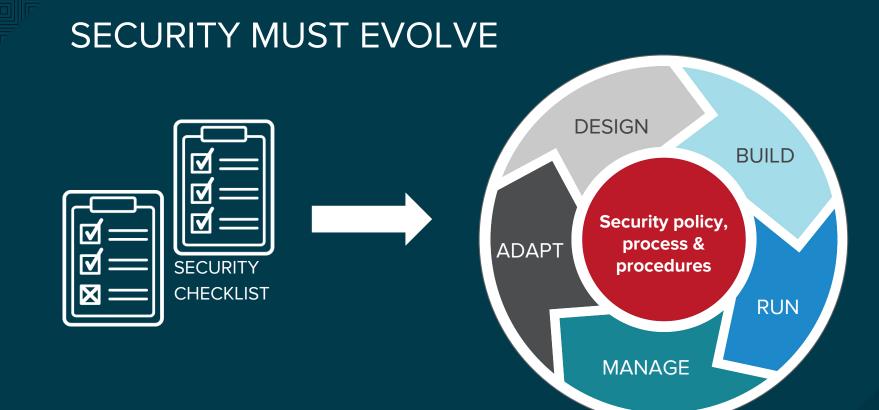




A SOLUTION

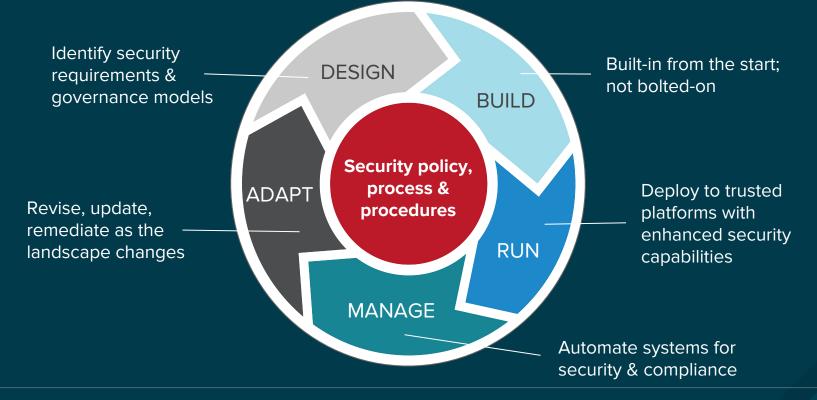








SECURITY MUST BE CONTINUOUS And integrated throughout the IT lifecycle









We have to share to iterate quicker.



A cloud is sharing at run-time.



Open source is sharing at dev-time.



Agility is the capability.



You are the catalyst.

YOU ARE NOT AN IT CRAFTSMAN.

YOU ARE AN IT MANUFACTURER.

WE CAN DO MORE WHEN WE WORK TOGETHER



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