Securing Cloud Native Apps

AUGUST 2018

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New security challenges

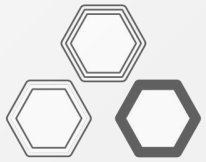
Exponential attack surface

Lack of visibility

Ineffective security tools and methodologies

Design Principles

Identity based / Network Independent

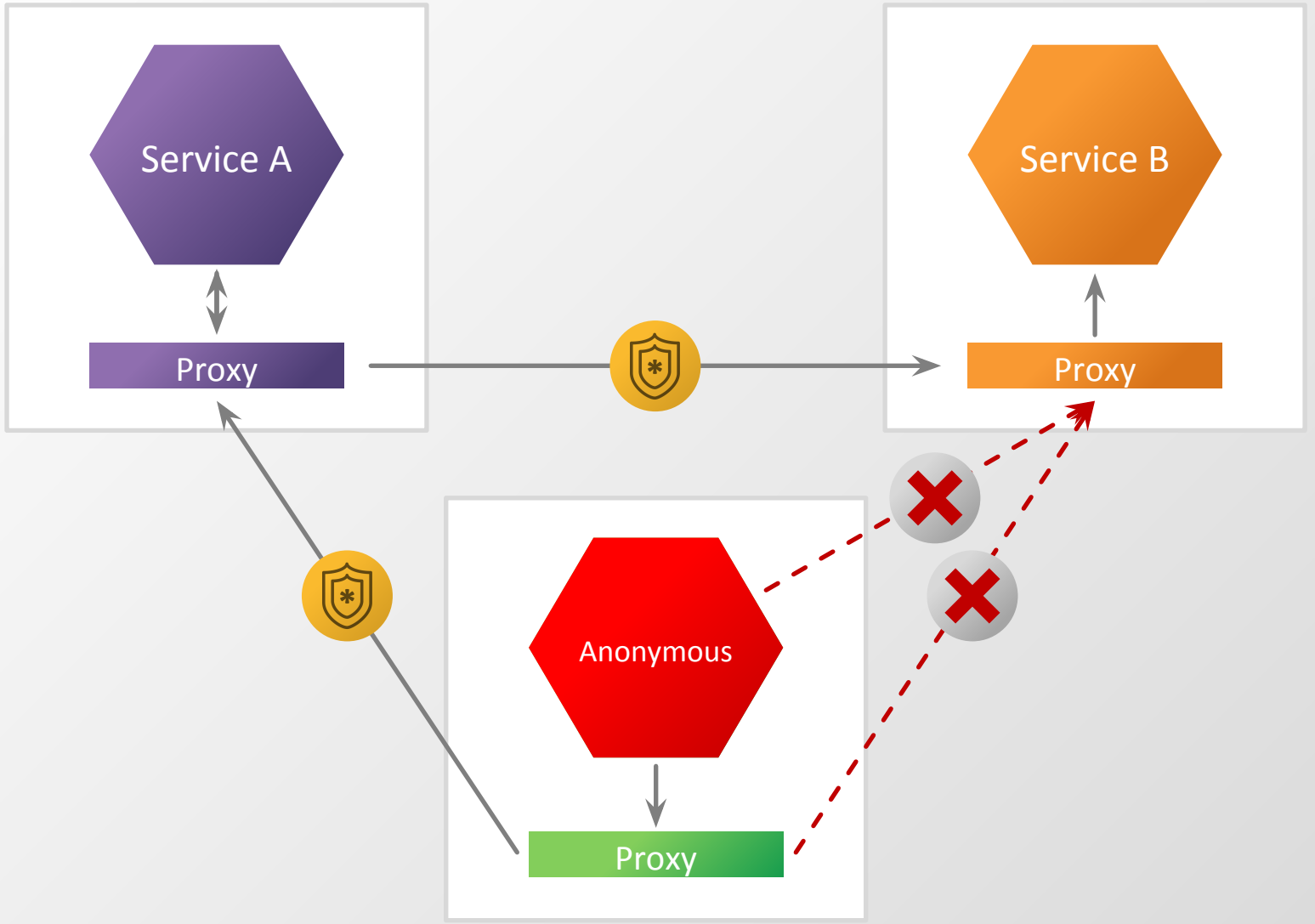


Application Independent / Low operational overhead

Cloud agnostic

Zero Trust

The sidecar



Policy Management at Scale

Whitelist Policy

Audit-to-Policy -> Least privilege

Simplify - RBAC vs ABAC - Check out MAPL*.

* https://github.com/octarinesec/MAPL

Attack Demo

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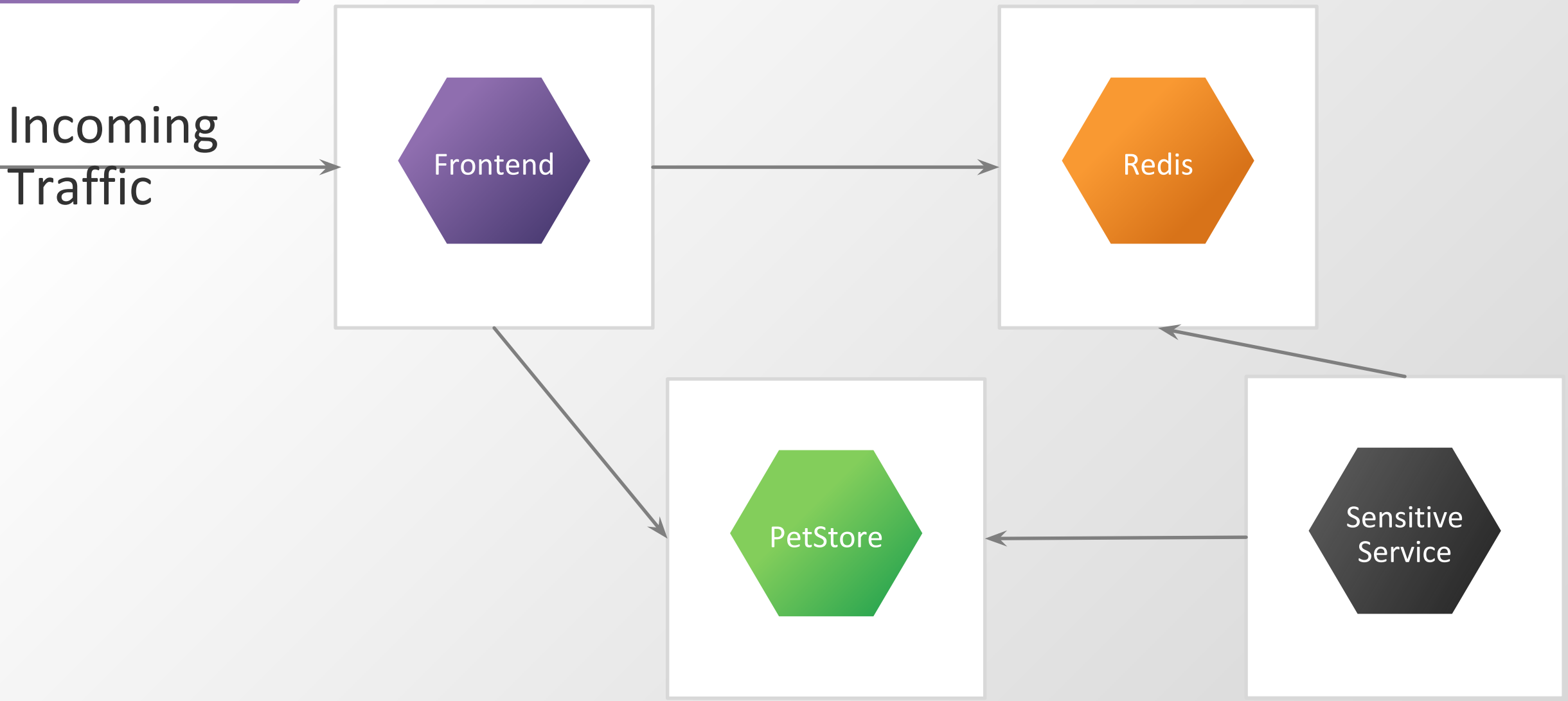
Attacked Application Scenario (Guestbook+PetStore)



Trusted Visibility…

Demo Time!

Questions?

Thank you!

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