Hewlett Packard
Enterprise

Onboard security in software companies
软件企业的安全之道

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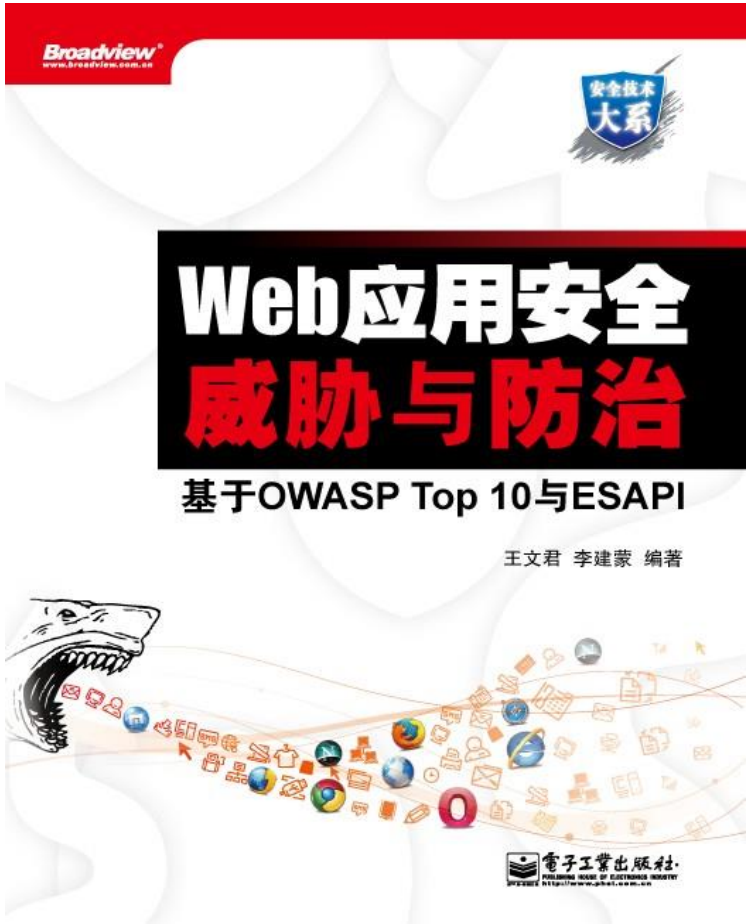
Self introduction

- Hewlett Packard Enterprise software security lead, responsible for BU security with $1B revenue
- 10+ years enterprise software then security
- CSSLP & CISSP
- Co-author Web应用安全威胁与防治



Vulnerabilities

搜索关键字： 任意文件下载 (共 1090 条纪录) 将未公开漏洞纳入搜索结果

上海青橙漏洞礼包(目录遍历/任意文件下载/敏感信息泄露/SQL注入等/已getshell)

RT...用的是泛微OA code 区域1：目录遍历http://ftp.qingcheng....任意文件下载http://ftp.qingcheng.com/weaver/weaver.email.FileDownloadLocation?download=1&fileid=1 code 区域4：getshell 看了这个构造表单提交直接getshell无需登录 WooYun: 泛微某系统漏洞集合（不拿shell不是合格的白帽子） http://ftp.qingcheng.com/tools/SWFUpload/upload.jsp code 区域<form method='post' action='http://ftp.qingcheng.com/tools/SWFUpload/upload.jsp' enctype="multipart/form-data" > <...

提交日期：2016-03-29 作者：黑色键盘丶

西安电子科技大学某分站一处任意文件下载

由于一个任意文件下载的漏洞导致用户验证代码泄露，构造出了普通用户到管理员的提权方法...由于一个任意文件下载的漏洞导致用户验证代码泄露，构造出了普通用户到管理员的提权方法，任意文件下载漏洞在这里： http://photo.xidian.edu.cn/download.asp?file=xxx 看到登录页面是admin_login.asp，下载下来看看 在这里它指向了Admin_ChkLogin.asp应该是验证成功后跳转到Admin_Index.asp，这里重点关注一下Admin_ChkLogin.asp ...

提交日期：2016-03-28 作者：chengable

找小工Blind XXE案例

找小工Blind XXE案例，可任意文件下载。...问题主要发生在http://blog.gongren8.com/。使用了Z-blog，该系统存在Blind XEE问题。 00x01 在自己的主机上面添加接收文件，命令为get.php，代码如下 code 区域<?php file_put_contents('01.txt', $_GET['xxe_local']); ?> 00x02 定义xml文件，文件名为xxe.xml，代码如下 code 区域<!ENTITY % info SYSTEM "php://filter/read=convert.base64-encode/resource=file:///c:/win...

提交日期：2016-03-21 作者：路人甲

長華電材股份有限公司任意文件下载

rt...目标：http://**.**.**.** 构造 code 区域http://**.**.**.**/download.php?file=../download.php 数据库配置文件 code 区域http://**.**.**.**/download.php?file=../includes/config_inc.php 数据库密码泄露 code 区域error..<?php $db_server = "localhost"; $db_user = "CWEI"; // $db_password = "Jessica"; -- Modified by Frank 2014/08/25, security issue. $db_password = "muWTsqMsHD7L9SUK"; ...

提交日期：2016-03-12 作者：路人甲

以上内容来自于乌云网

Adhoc solution

What should do

The fact

漏洞概要

缺陷编号： **WooYun-2016-189556**

漏洞标题： 上海青橙漏洞礼包(目录遍历/任意文件下载/敏感信息泄露/SQL注入等/已getshell)

相关厂商： **上海青橙**

漏洞作者： **黑色键盘丶**

提交时间： 2016-03-29 11:24

公开时间： 2016-04-03 11:30

漏洞类型： 系统/服务运维配置不当

危害等级： 高

自评Rank： 20

漏洞状态： 漏洞已经通知厂商但是厂商忽略漏洞

漏洞来源： **http://www.wooyun.org**，如有疑问或需要帮助请联系 help@wooyun.org

Tags标签： **目录遍历** **敏感信息泄露** **webserver服务配置不当**

分享漏洞： 分享到 0

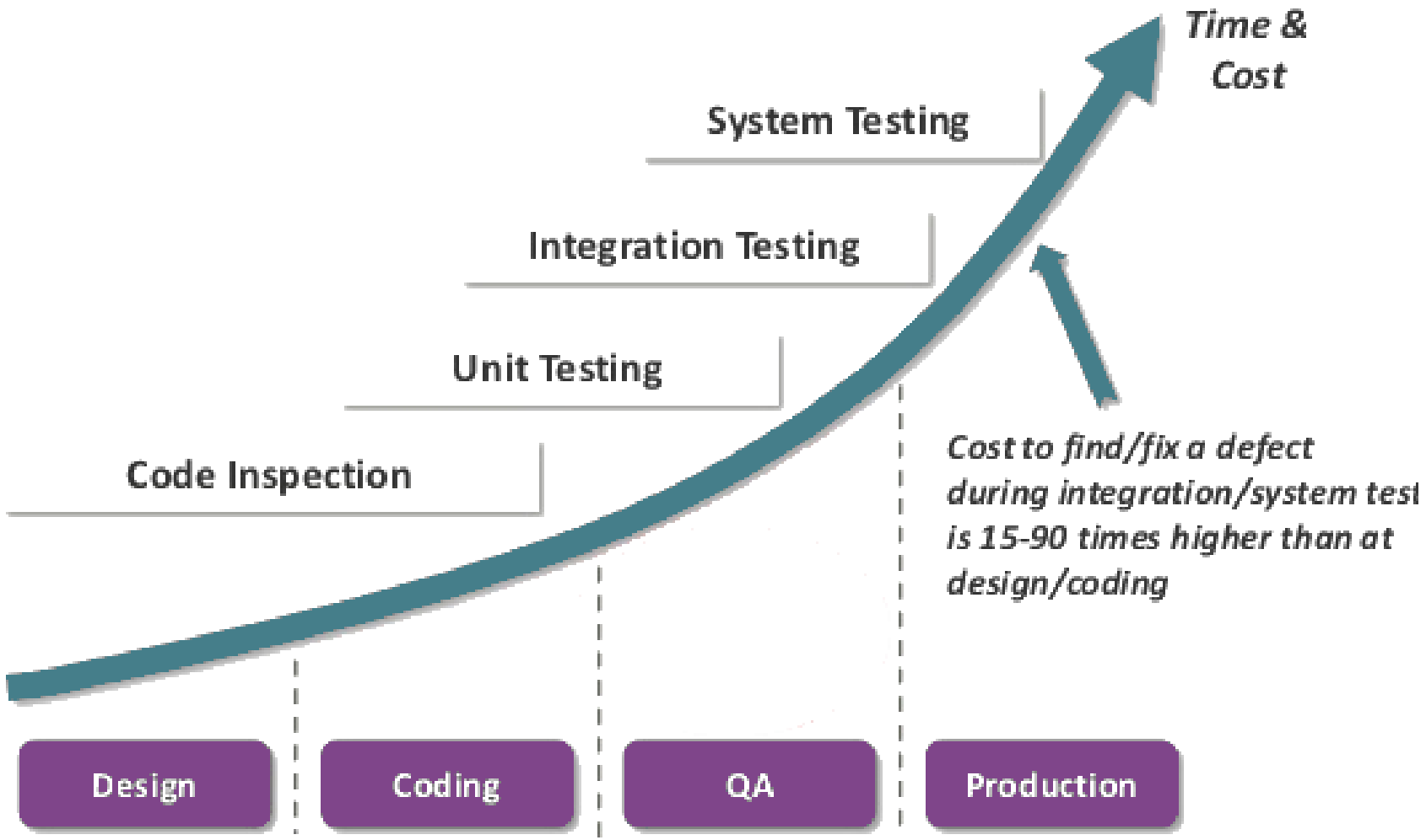
漏洞详情

披露状态：

2016-03-29： 细节已通知厂商并且等待厂商处理中

2016-04-03： 厂商已经主动忽略漏洞，细节向公众公开

Cost to fix these issues



RnD’s voice to security

Revenue driven

Legacy

I’m a developer

Security scanner

RnD’s impression to security guys

搬运工

RnD’s expectation to security guys

Security guys' challenge

Product team

Security architect

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Security as a quick start

1. Create security bug type

Security bug

- Severity
- Impact
- Released version

Verify success

- Meet release criteria
- Mitigation is provided

Damage

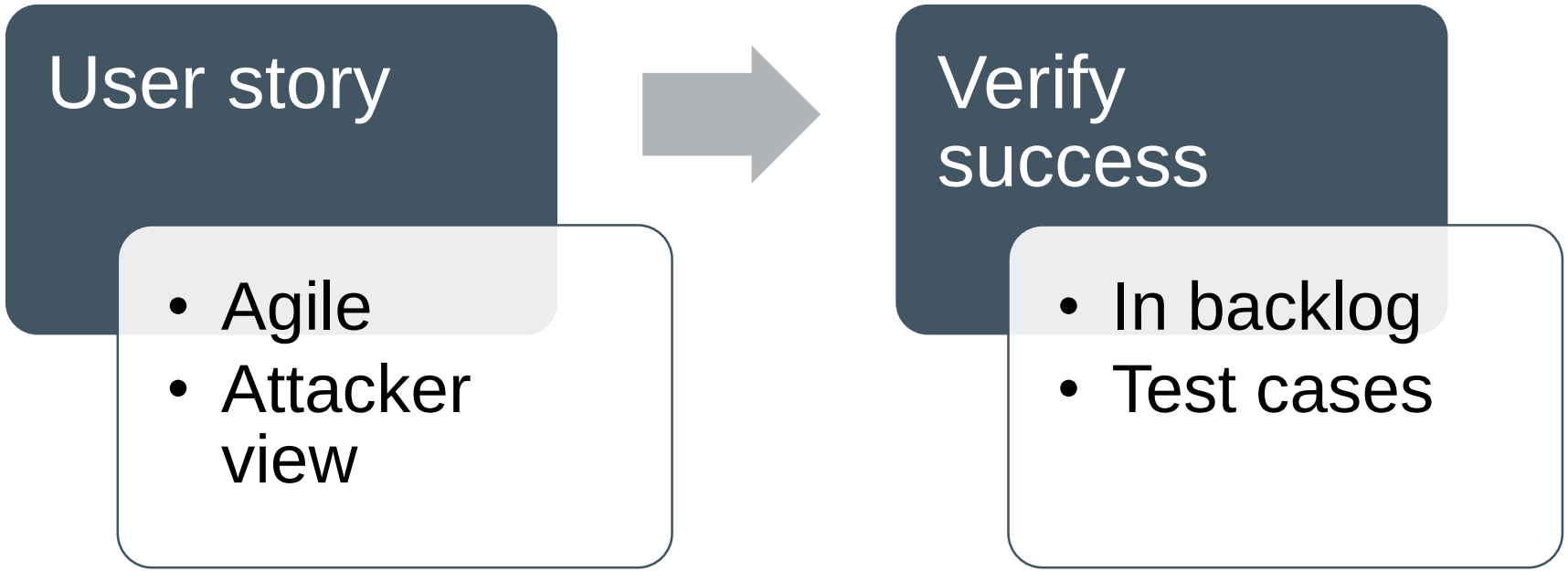
Reproducibility

Exploitability

Affected users

Discoverability

2. Security user story



"As an **[operator]**, I want to **[do something]** so that I can **[derive a benefit]**"

"As an **[attacker]**, I want to **[do something]** so that I can **[damage the system]**"

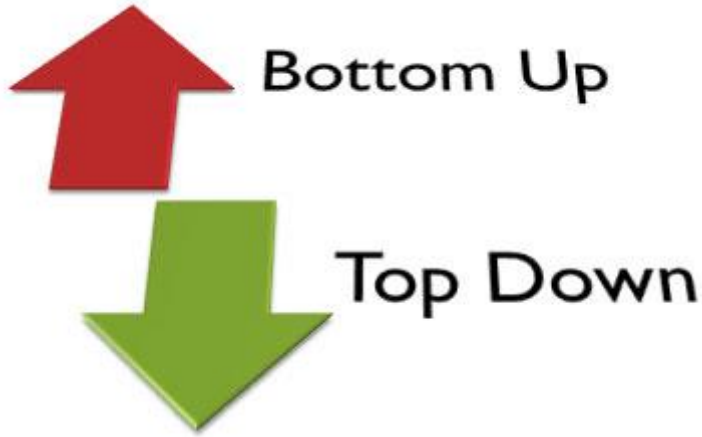
3. Security dashboard

Dashboard

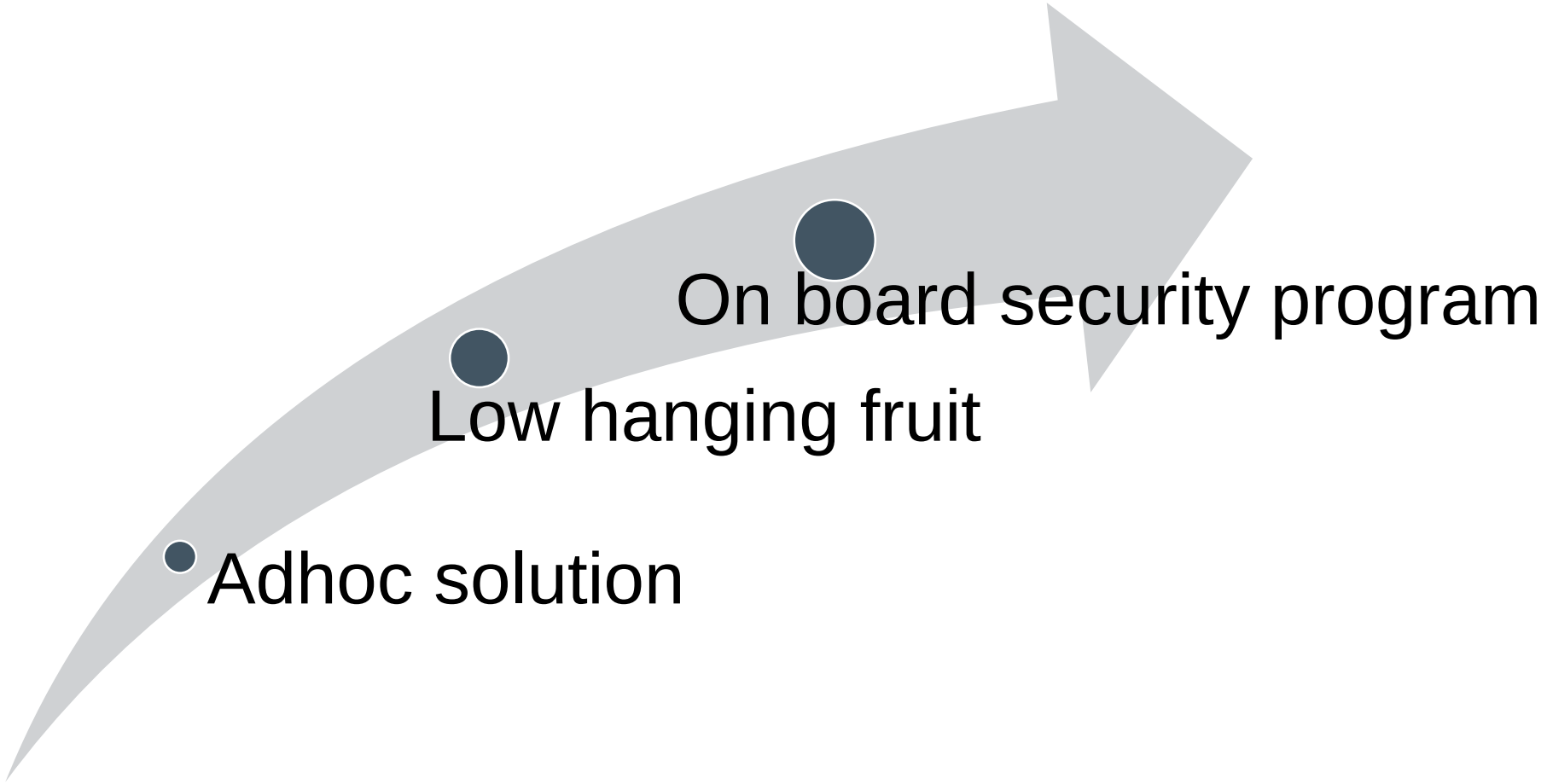
- Aggregation
- Drill down

Verify success

- Stakeholders are aware
- Business decision



So evolve


On board security program
Low hanging fruit
Adhoc solution

Security awareness training

Diversity

- Management
- Dev
- QA

Options

- Instructor based
- Web based
- Event

Security release criteria

Risk

- DREAD
- CVSS3

Criteria

- Threshold
- Business balance

Threat modeling and security design review

Threat

- Threat list
- Refresh list

Review

- Security pattern
- Security user story

Security assessment

Automatic

- Static
- Dynamic

Manually

- Check list
- Pen test

Risk response

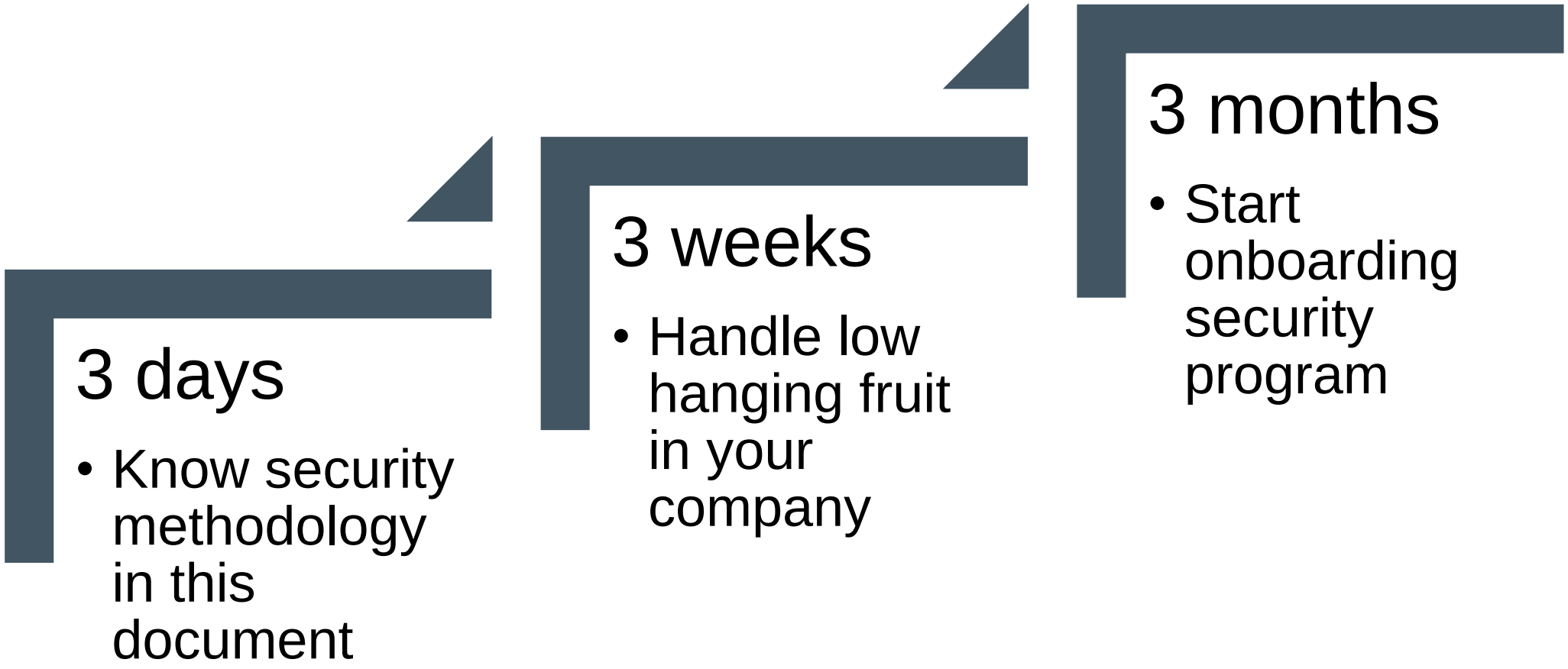
Pre-event

- 3rd party lib scan
- Subscription

Post-event

- Action plan
- Risk tracker

Apply what you learnt today



To be continued

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Thank you