这些年遇到过的逻辑漏洞

Blood_Zer0

About Me

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目前就职于 饿了么

漏洞盒子,滴滴,平安,携程等SRC活跃白帽子

配过设备,做过运维,搞过渗透,现在专职研究漏洞

目 录

挖洞神器

White Hat

WAF功能的增强;

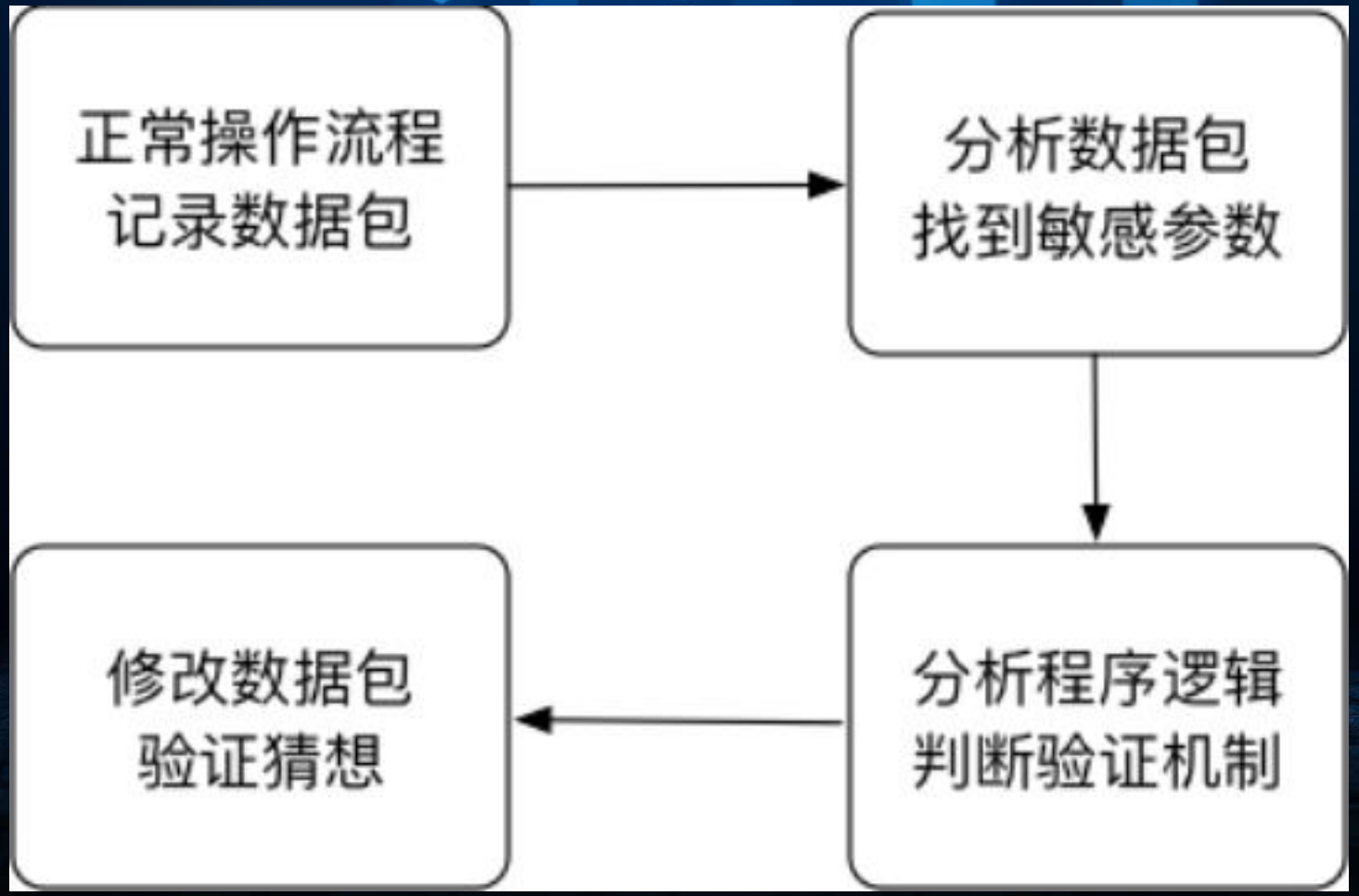
安全测试演变为第三阶段;

1、基于功能/性能的"安全测试"
2、基于漏洞的安全测试
3、基于业务的安全测试

开发人员代码安全性增强;

Application

逻辑漏洞特点	Bypass一切防护设备
	没有有效的自动化工具
	再牛逼的程序员都可能造坑
	业务逻辑复杂造成的坑


正常操作流程
记录数据包
分析数据包
找到敏感参数
分析程序逻辑
判断验证机制
修改数据包
验证猜想

合理利用工具，事半功倍

	地址	介绍
Burpsuit	https://portswigger.net/burp/	收费，基于Java，跨平台，功能强大
Fiddler	http://www.telerik.com/fiddler	免费&开源，基于.Net，支持通过mono的方式运行在mac和Linux上
Charles	https://www.charlesproxy.com/	收费，基于Java，跨平台
Mitmproxy	https://mitmproxy.org/	免费，开源，基于Python，跨平台

漏洞介绍

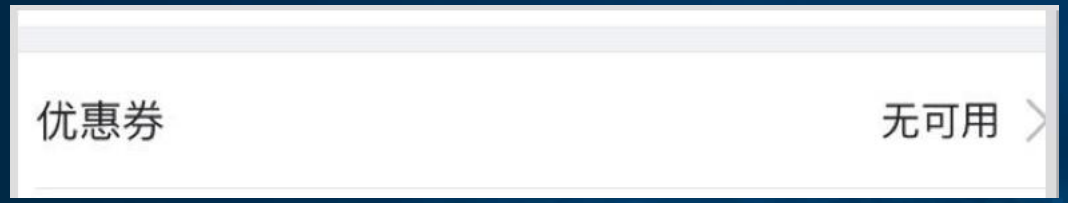
逻辑漏洞

逻辑漏洞	用户相关	密码重置
		身份认证
		验证突破
		权限控制
	交易相关	请求篡改
		并发请求
		时序绕过
	恶意攻击	锁定账户
		变量篡改
		接口调用
		薅羊毛
	More	More

案例分析

1. 购买商品，如何获取最大的优惠？

场景描述



1. 购买商品，如何获取最大的优惠？

攻击手法

```
GET
/?c=fnget&a=getMobileInfo&mobile=131[redacted]764&rechargeType=1&text=50&callback=jQuery111102733480976538213_1489286441769&_=1489286441784
HTTP/1.1
Host: [redacted]
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.12; rv:51.0) Gecko/20100101 Firefox/51.0
Accept: text/javascript, application/javascript, application/ecmascript, application/x-ecmascript, */*; q=0.01
Accept-Language: zh-CN,zh;q=0.8,en-US;q=0.5,en;q=0.3
Accept-Encoding: gzip, deflate
X-Requested-With: XMLHttpRequest
Referer: [redacted]
Connection: close
```

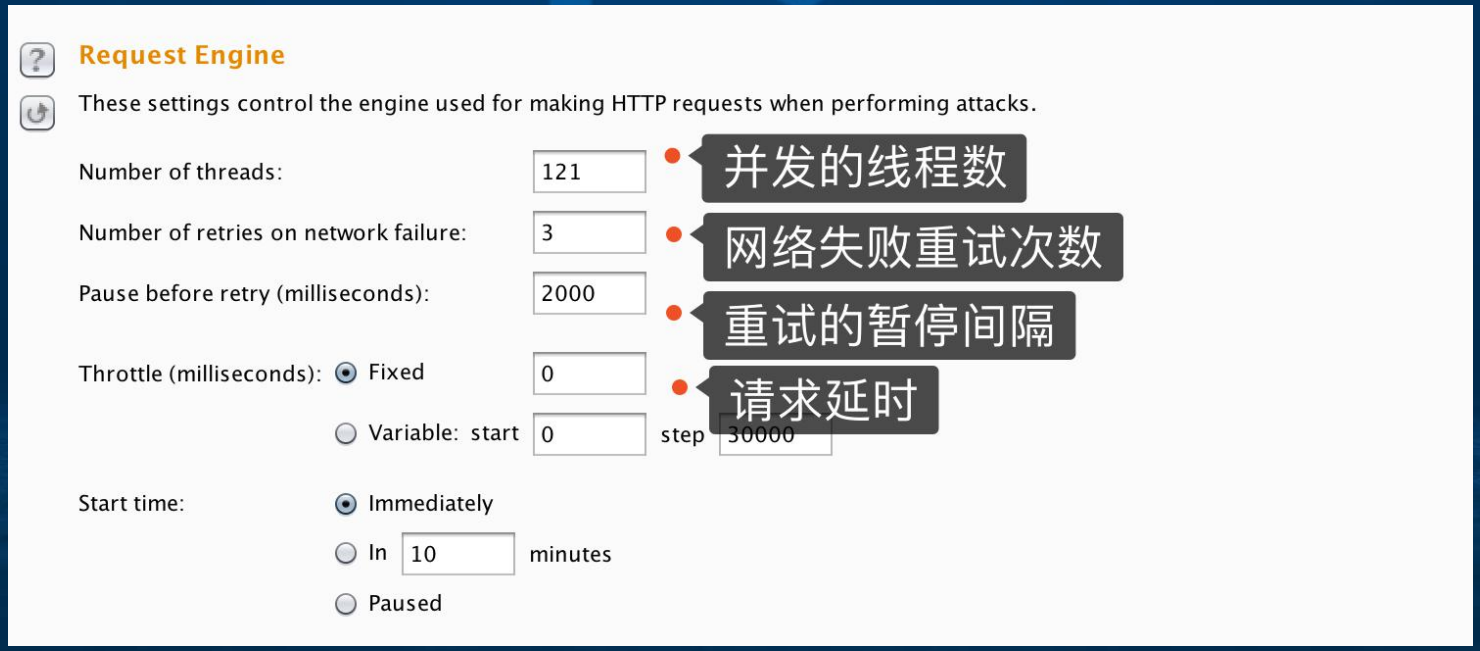
```
GET
/?c=fnget&a=getMobileInfo&mobile=132[redacted]764&rechargeType=1&text=10&callback=jQuery111102733480976538213_1489286441769&_=1489286441784
HTTP/1.1
Host: [redacted]
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.12; rv:51.0) Gecko/20100101 Firefox/51.0
Accept: text/javascript, application/javascript, application/ecmascript, application/x-ecmascript, */*; q=0.01
Accept-Language: zh-CN,zh;q=0.8,en-US;q=0.5,en;q=0.3
Accept-Encoding: gzip, deflate
X-Requested-With: XMLHttpRequest
Referer: [redacted]
Connection: close
```

2. 想要优惠卷，如何让系统发更多？

场景描述

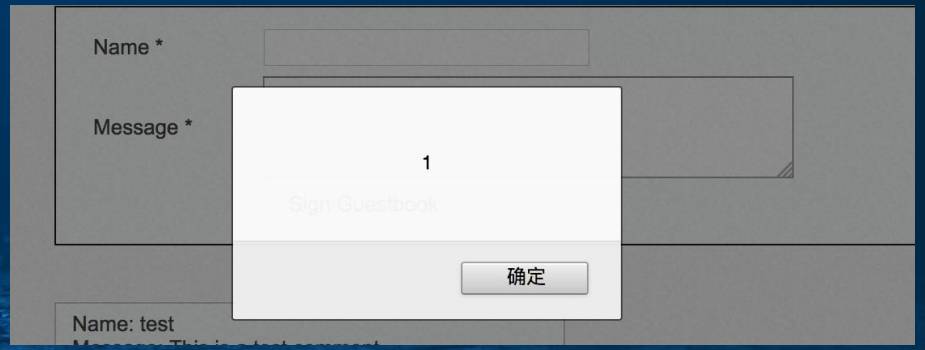
2. 想要优惠卷，如何让系统发更多？

攻击手法



3. 只有一个self-xss，如何扩大危害？

场景描述



3. 只有一个self-xss，如何扩大危害？

攻击手法

```
POST /video/tags/update?tt=1481553822940364 HTTP/1.1
[redacted]
Connection: close
Content-Length: 31
Origin: [redacted]
User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36
(KHTML, like Gecko) Maxthon/4.9.3.1000 Chrome/39.0.2146.0 Safari/537.36
Content-type: application/json
Accept: */*
DNT: 1
Referer: [redacted]
Accept-Encoding: gzip,deflate
Accept-Language: zh-CN
Content-Length: 32

{"ids":["93902"],"tags":"aaaa"}
```

```
POST /video/tags/update?tt=1481553822940364 HTTP/1.1
[redacted]
Connection: close
Content-Length: 32
Origin: [redacted]
User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36
(KHTML, like Gecko) Maxthon/4.9.3.1000 Chrome/39.0.2146.0 Safari/537.36
Content-type: application/json
Accept: */*
DNT: 1
Referer: [redacted]
Accept-Encoding: gzip,deflate
Accept-Language: zh-CN
Content-Length: 32

{"ids":["93901"],"tags":"aaaa"}
```

漏洞延伸


THANKS

Q&A