



Web Security – IE2062

## 9. Figma Bug Bounty

*A D A Ihansa*

*IT22899606*

# **Web Audit**

## ***Figma.com***

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## Introduction to Bug Bounty program and audit scope

Figma is a pioneering interface design tool that transforms the collaboration process for design projects. Operating as a web-based platform, it facilitates seamless design, prototyping, and feedback collection all within a single environment. Figma distinguishes itself through its real-time collaboration capabilities, allowing multiple users to collaborate on the same design file simultaneously. It boasts powerful features such as vector networks, constraint-based layout, and an extensive plugin system, positioning it as a preferred tool for designers globally. Additionally, Figma incorporates FigJam, an online whiteboard designed for team brainstorming and planning sessions. With its emphasis on accessibility and fostering community, Figma empowers designers to create, share, and test designs for websites, mobile apps, and other digital products.

In hackerone bug bounty program, they defined these subdomains (and all inclusive) as valid subdomains for testing.

[www.figma.com](http://www.figma.com)

[www.designsystems.com](http://www.designsystems.com)

The bug bounty program specifies the eligible subdomains within its scope, stating that any subdomain falling under figma.com is included.

Asset name ↑	Type ↑	Coverage ↑	Max. severity ↓	Bounty ↑	Last update ↑
Figma iOS and Android apps	Other	In scope	Critical	Eligible	Sep 22, 2022
Figma Slack App <a href="https://figma.slack.com/apps/A01N2QYSA81-figma-and-figjam?tab=more_info">https://figma.slack.com/apps/A01N2QYSA81-figma-and-figjam?tab=more_info</a>	Other	In scope	Critical	Eligible	Oct 12, 2022
Figma for Microsoft Teams <a href="https://appssource.microsoft.com/en-us/product/office/wa200004521?tab=overview">https://appssource.microsoft.com/en-us/product/office/wa200004521?tab=overview</a>	Other	In scope	Critical	Eligible	Oct 12, 2022
Figma Atlassian App <a href="https://marketplace.atlassian.com/apps/1217865/figma-for-jira">https://marketplace.atlassian.com/apps/1217865/figma-for-jira</a>  Unauthorized access via this app or the APIs that this app uses is also in scope.	Other	In scope	Critical	Eligible	Sep 30, 2020
api.figma.com	Domain	In scope	Critical	Eligible	Sep 30, 2020
Figma Desktop App	Other	In scope	Critical	Eligible	Sep 22, 2022
www.figma.com We are primarily looking for high/critical vulnerabilities in the system. English AmazonRDS Amazon Web Services JavaScript Rails React Ruby	Domain	In scope	Critical	Eligible	Sep 30, 2020
www.designsystems.com	Domain	Out of scope	None	Ineligible	Oct 3, 2020

## Information gathering phase.

The initial phase of information gathering, commonly known as reconnaissance or recon, is crucial for obtaining insights into the nature and behavior of the target. This phase holds significant importance during audits or attacks as it facilitates the identification of potential vulnerabilities by gaining a deeper understanding of the target.

There are two main methods for conducting information gathering scans:

1. Active Scanning: This method involves generating substantial activity on the target system, often resulting in the retrieval of extensive information.
2. Passive Scanning: In contrast to active scanning, this approach minimizes disruption to the target system, albeit typically providing fewer comprehensive results compared to active scanning.

In bug bounty programs, where details about the underlying architecture of systems are usually not disclosed (referred to as black box pentesting), specific tools and techniques are essential for gathering insights into their services, devices, and exposed information. This enables testers to develop a better understanding of the systems they are assessing.

## Finding active subdomains and their states

### Sublist3r

Sublist3r, a Python tool, is specifically designed to reveal subdomains linked to a specified target website. Utilizing search engines and diverse online services, it systematically scours the web for available subdomains associated with the designated target domain. Given the opportunity to explore any subdomain within reddit.com, it is recommended to identify additional subdomains for testing objectives.

To install Sublist3r, navigate to its GitHub repository at <https://github.com/about3la/Sublist3r.git>. This repository hosts all the necessary files required for installing the tool. Execute the following command in your shell to download it:

...

***git clone https://github.com/about3la/Sublist3r.git***

...

Please note that Sublist3r necessitates either Python 2.7 or Python 3.4 to operate smoothly.

After downloading the files, go inside the 'Sublist3r' directory and install the requirements by entering,

***sudo pip install -r requirements.txt***

After installing the requirements, enter

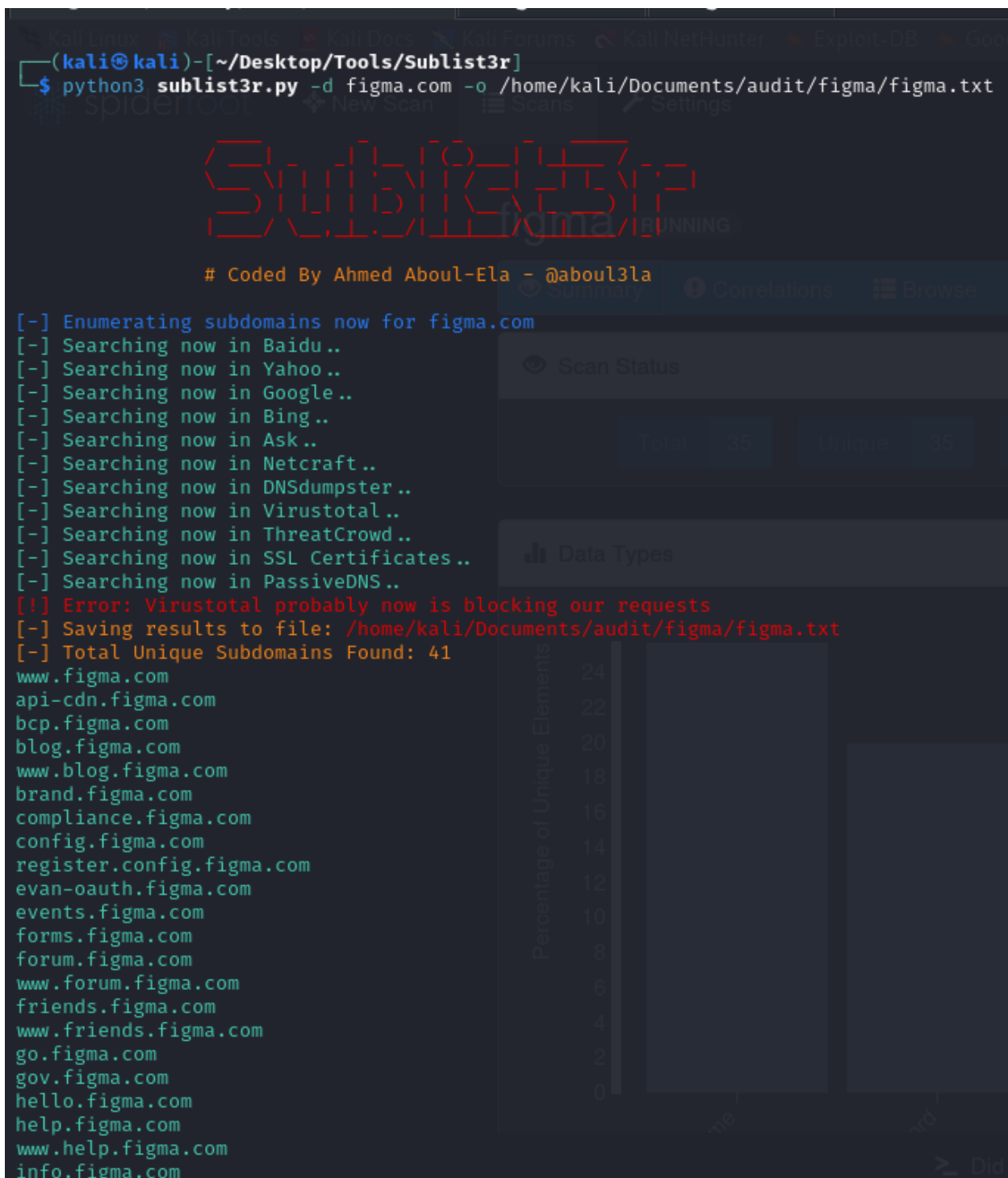
***python3 sublist3r.py -d <domain\_name>***

to find subdomains under the mentioned domain.

*\*In some Linux distributions, there will be an error saying that "[!] Error: Virustotal probably now is blocking our requests". To avoid this you will need to get the API key from VirusTotal by creating an account. After the API key has been obtained, export it to an environment variable using, export VT\_APIKEY=<API key>. This will work most of the time, but this is not a must.*

Since I need to check the subdomains after, I am writing the results to a file using -o switch.

```
(kali@kali)-[~/Desktop/Tools/Sublist3r]
$ python3 sublist3r.py -d figma.com -o /home/kali/Documents/audit/figma/figma.txt
```



```
# Coded By Ahmed Aboul-Ela - @aboul3la
```

```
[~] Enumerating subdomains now for figma.com
[-] Searching now in Baidu..
[-] Searching now in Yahoo..
[-] Searching now in Google..
[-] Searching now in Bing..
[-] Searching now in Ask..
[-] Searching now in Netcraft..
[-] Searching now in DNSdumpster..
[-] Searching now in Virustotal..
[-] Searching now in ThreatCrowd..
[-] Searching now in SSL Certificates..
[-] Searching now in PassiveDNS..
[!] Error: Virustotal probably now is blocking our requests
[-] Saving results to file: /home/kali/Documents/audit/figma/figma.txt
[-] Total Unique Subdomains Found: 41
www.figma.com
api-cdn.figma.com
bcp.figma.com
blog.figma.com
www.blog.figma.com
brand.figma.com
compliance.figma.com
config.figma.com
register.config.figma.com
evan-oauth.figma.com
events.figma.com
forms.figma.com
forum.figma.com
www.forum.figma.com
friends.figma.com
www.friends.figma.com
go.figma.com
gov.figma.com
hello.figma.com
help.figma.com
www.help.figma.com
info.figma.com
```

Scan Status

Total	Unique
35	35

Data Types

Percentage of Unique Elements

Category	Percentage
ns	24
id	22
...	...

Upon examining for accessible subdomains, the next step involves identifying those that are operational. This can be accomplished by employing an additional tool known as 'httprobe'.

## HTTPProbe

This tool can identify active domains that are operational. To discover active subdomains under this site, I'm utilizing the text file previously generated by Sublist3r and writing the active subdomains to a new file.

```
(kali㉿kali)-[~/Desktop/Tools/Sublist3r]
$ httpprobe < /home/kali/Documents/audit/figma/figma.txt > /home/kali/Documents/audit/figma/active_figma.txt
```

Following the completion of the scan, the findings reveal that the majority of the subdomains are indeed active.


```
(kali㉿kali)-[~/Desktop/Tools/Sublist3r]
$ cat /home/kali/Documents/audit/figma/figma.txt
www.figma.com
api-cdn.figma.com
bcp.figma.com
blog.figma.com
www.blog.figma.com
brand.figma.com
compliance.figma.com
config.figma.com
register.config.figma.com
evan-oauth.figma.com
events.figma.com
forms.figma.com
forum.figma.com
www.forum.figma.com
friends.figma.com
www.friends.figma.com
go.figma.com
gov.figma.com
hello.figma.com
help.figma.com
www.help.figma.com
info.figma.com
join.figma.com
psxid.figma.com
releases.figma.com
s3-alpha.figma.com
s3-alpha-sig.figma.com
schema.figma.com
schemavirtual2022.figma.com
share.figma.com
staging.figma.com
staging-admin.figma.com
www.staging-admin.figma.com
staging-new.figma.com
static.figma.com
status.figma.com
store.figma.com
store-ca.figma.com
store-eu.figma.com
store-jp.figma.com
store-uk.figma.com
```



## Netcraft

Netcraft, an internet services firm, offers online security solutions. Their services encompass automated vulnerability scanning and application security. No downloads or intricate setups are necessary as these services are accessible online.

By utilizing Netcraft search feature on their website, users can retrieve various details including site rank, IP address, SSL/TLS versions in use, hosting country, and hosting company.



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### Site report for <http://www.figma.com>

[Look up another site?](#)

Analysing site...

Share: [G+](#) [Twitter](#) [Facebook](#) [LinkedIn](#) [YouTube](#)

#### Background

Site title		Date first seen	May 1999
Site rank	118	Primary language	
Description			

#### Network

Site	<a href="http://www.figma.com">http://www.figma.com</a>	Domain	<a href="#">figma.com</a>
Netblock Owner	<a href="#">Amazon.com, Inc.</a>	Nameserver	ns-1657.awsdns-15.co.uk
Hosting company	Amazon	Domain registrar	amazon.com
Hosting country	<a href="#">US</a>	Nameserver organisation	whois.nic.uk
IPv4 address	18.66.171.32 ( <a href="#">VirusTotal</a> )	Organisation	Identity Protection Service, PO Box 786, Hayes, UB3 9TR, United Kingdom
IPv4 autonomous systems	<a href="#">AS16509</a>	DNS admin	awsdns-hostmaster@amazon.com

For full site report: [Site report for http://www.figma.com | Netcraft](#)

This data is publicly accessible, and some details regarding the system and its technology can be uncovered through available sources.

Since, many users utilize this website, and considering that the IP addresses match those of my specified targets, I only obtain a Netcraft report for this domain. However, reports for the other mentioned subdomains can also be retrieved from Netcraft.

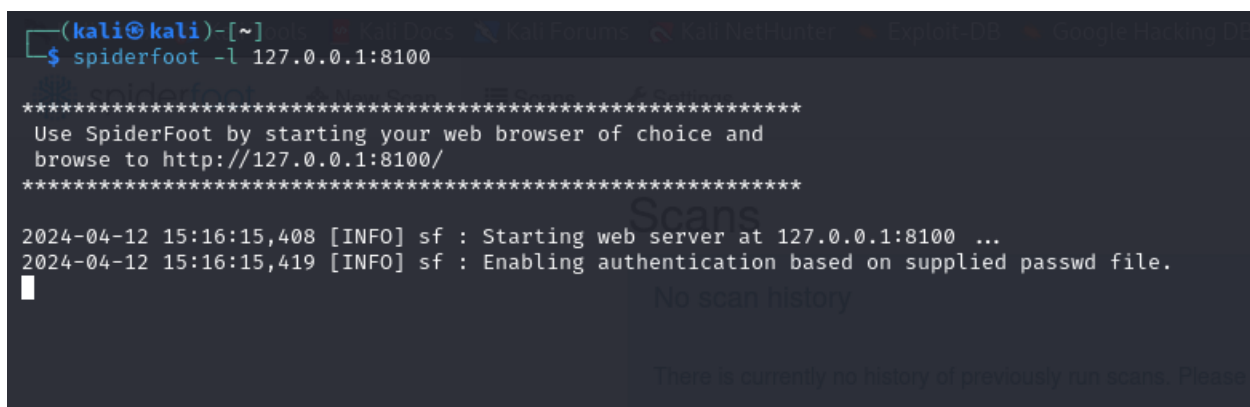
## Spiderfoot

SpiderFoot is an open-source intelligence (OSINT) automation tool that is designed to simplify the process of gathering and analyzing data. It integrates with a wide range of data sources and provides an intuitive web-based interface or a command-line option. SpiderFoot is equipped with over 200 modules for various data analysis tasks, including host/sub-domain/TLD enumeration/extraction, email address, phone number and human name extraction, and much more. It also offers export options in CSV, JSON, and GEXF formats, and integrates with the TOR network for dark web searches. SpiderFoot is a powerful tool for both offensive and defensive reconnaissance, making it an asset in the field of cybersecurity.

### Using spiderfoot

It must be setup, before using this tool.

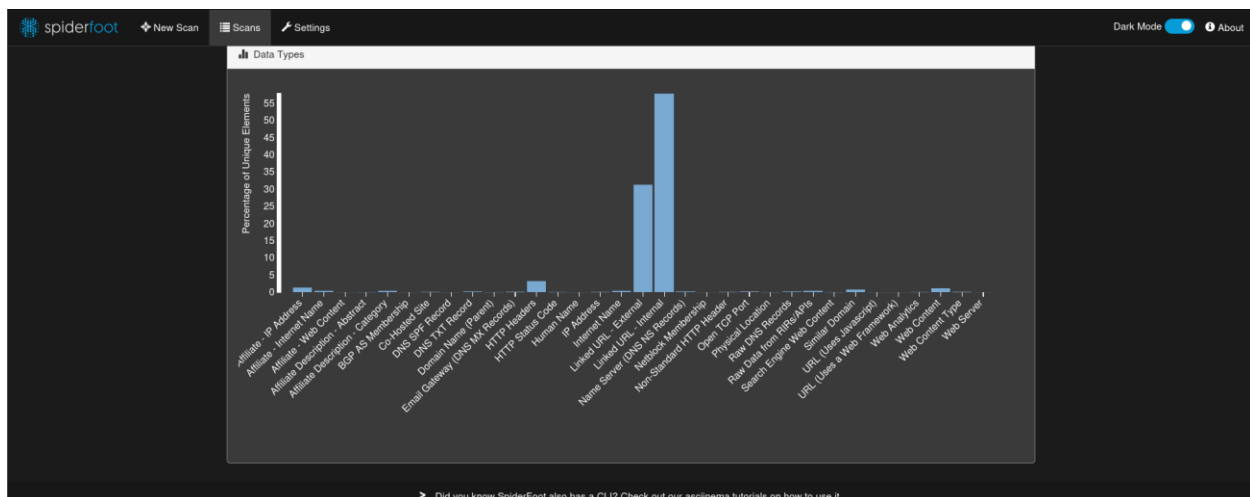
Spiderfoot -l 127.0.0.1:8100

A terminal window on a Kali Linux system. The prompt is (kali@kali)-[~]. The command \$ spiderfoot -l 127.0.0.1:8100 has been entered. The output shows a series of asterisks, followed by instructions to use SpiderFoot by starting a web browser and browsing to http://127.0.0.1:8100/. Another series of asterisks follows. Then, two log messages are displayed: '2024-04-12 15:16:15,408 [INFO] sf : Starting web server at 127.0.0.1:8100 ...' and '2024-04-12 15:16:15,419 [INFO] sf : Enabling authentication based on supplied passwd file.' A cursor is visible on the line following the second log message. In the background, a faint 'Scans' window is visible with the text 'No scan history' and 'There is currently no history of previously run scans. Please'.

To utilize the Spiderfoot tool, which is hosted on localhost (127.0.0.1) at port 8100, just launch a web browser and enter `http://127.0.0.1:8100` in the address bar.

After the scanner loads, proceed to "New scan" and tailor your scan type according to the scope of your investigation. There are various modules at your disposal that can be activated or deactivated based on your permissions. Since you're engaging in a passive information gathering phase, opt for the 'footprint' option to crawl and collect information about the website.

## Spiderfoot results

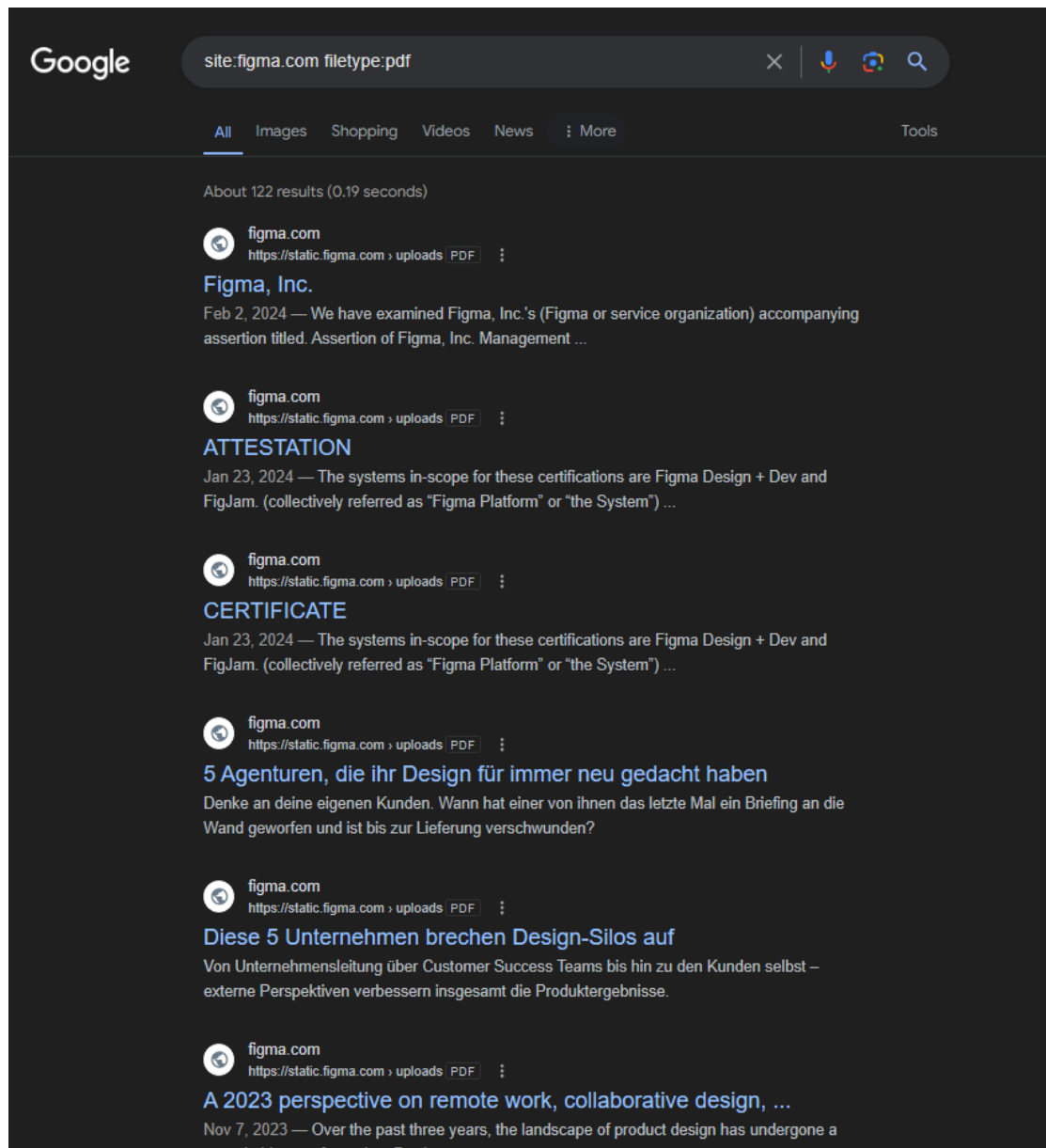


The scan has produced noteworthy findings, such as usernames, SSL certificates, and physical addresses. A significant portion of this data seems to be publicly accessible information and links leading to external websites. However, it's essential to highlight those usernames, especially when coupled with their corresponding email addresses, could potentially become avenues for social engineering or spear phishing attacks. Nevertheless, it's important to acknowledge that addressing such concerns lies beyond the boundaries of this assessment.

## Google Dorks

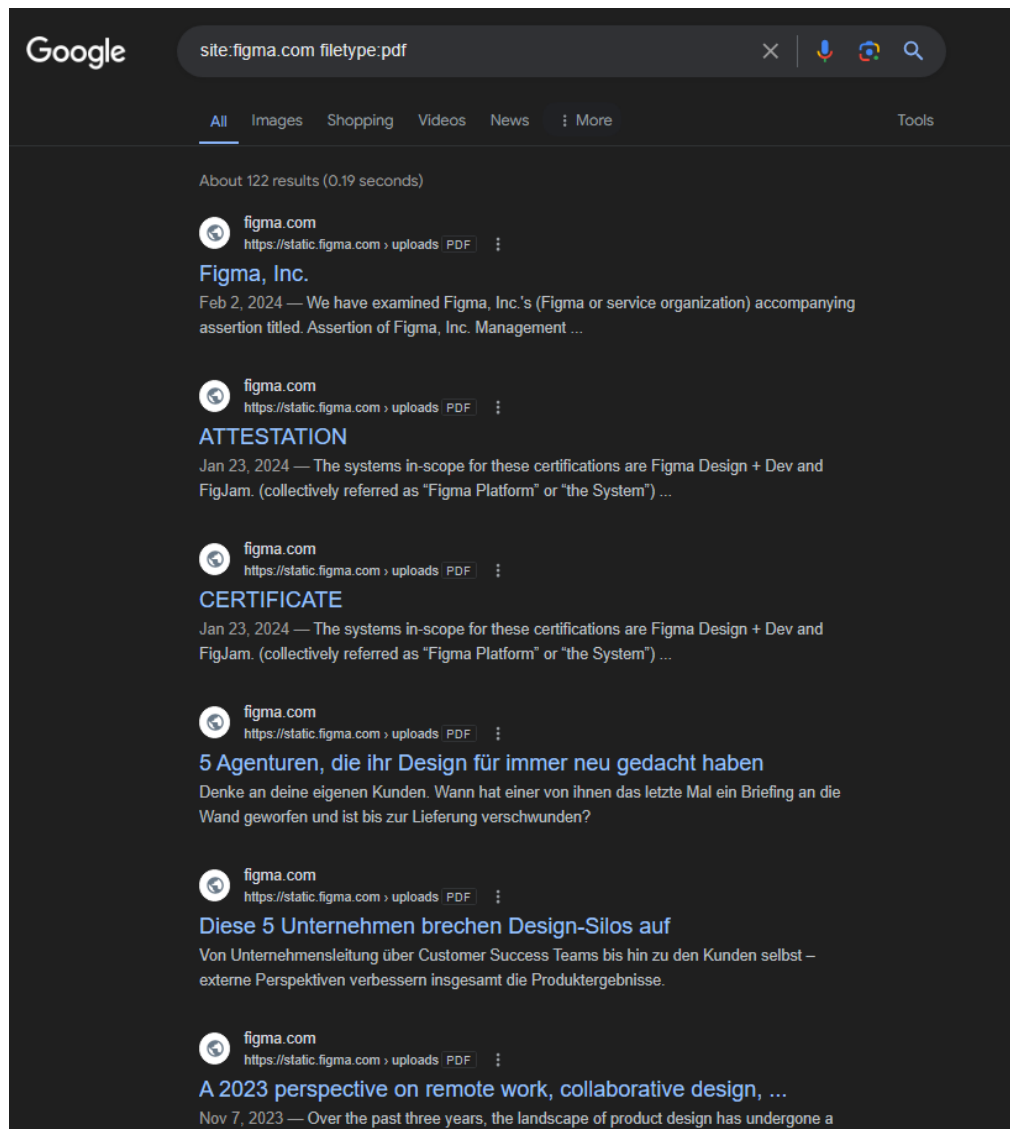
Google Dorks, also known as Google Hacking or Google Dorking, are specialized search queries that leverage Google's powerful search engine to unearth specific information and vulnerabilities that might not be accessible through standard searches. These are advanced search queries that use special operators to find specific information in Google's databases. They can be used to uncover hidden data or vulnerabilities on websites. By employing these dorks, you can focus on specific search results, unveiling hidden gems that ordinary searches might miss. They are valuable for security research but also pose risks if used maliciously. For example, they can reveal sensitive or private information about websites and the companies, organizations, and individuals that own and operate them. Google Dorks are a powerful tool for information gathering and vulnerability scanning, but they should be used responsibly to avoid unintended consequences.

**site:figma.com** operator searches for websites that has "**figma.com**" in their domains.



Certainly, the appearance of subdomains in search results illustrates a common utilization of Google Dorking. This method facilitates the discovery of different file types and pages that are exposed by a specific website on the internet, whether it's deliberate or unintentional. Through the refinement of search queries, users can unearth particular information and potentially pinpoint vulnerabilities or confidential data that might be accessible online.

During a search for various file types exposed on the internet, I came across some intriguing and possibly concerning PDFs within this subdomain.



The management of information and files within this subdomain appears to be efficient, as no additional significant files were uncovered apart from the previously mentioned PDFs.

## Directory and services enumeration

### Dirbuster

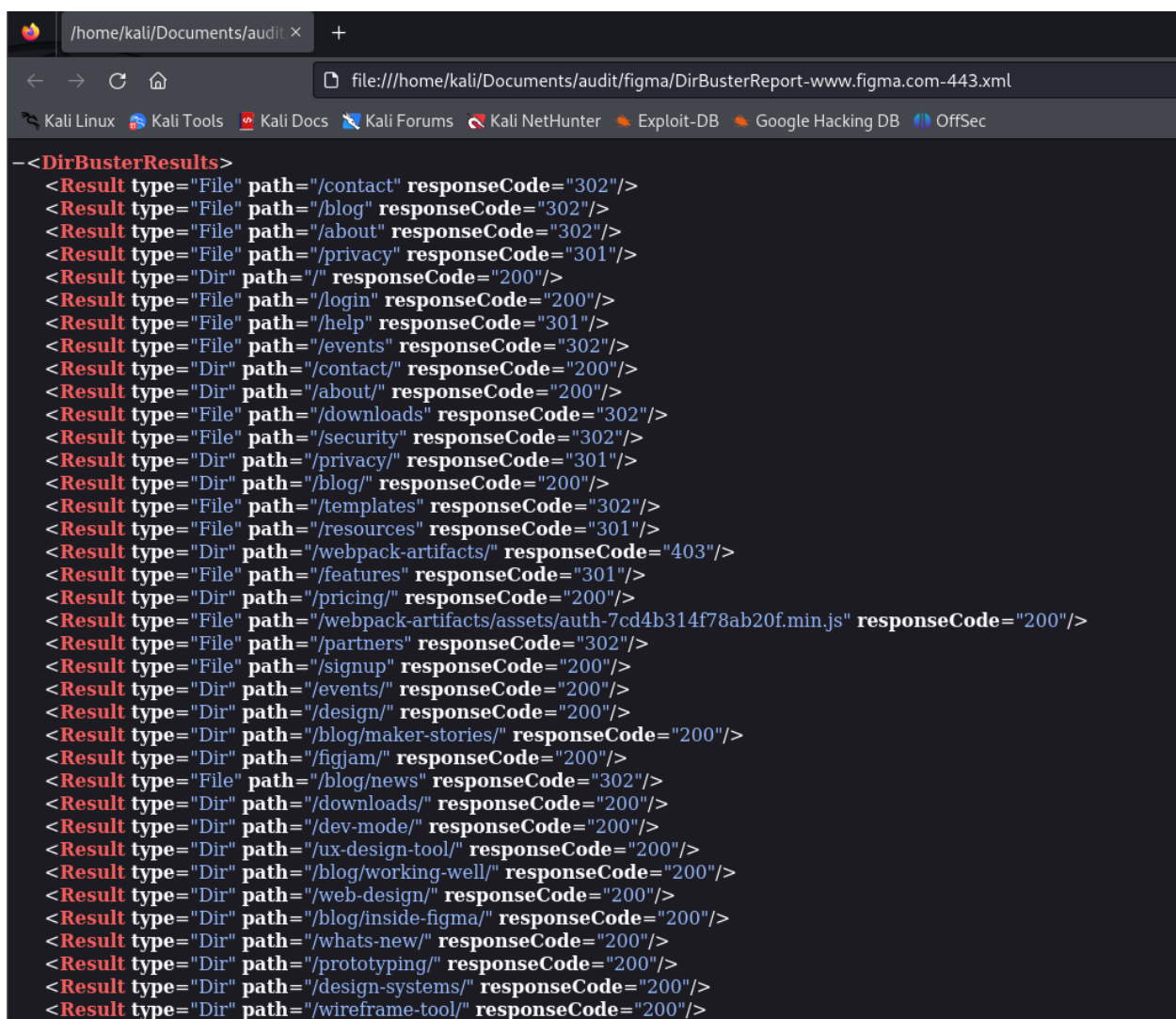
DirBuster, a web content scanner developed by OWASP, utilizes brute force methods to uncover different directories within a target website. By scrutinizing HTTP responses and their associated

response codes, the tool detects concealed or referenced directories. Built in Java, DirBuster supports multi-threading to expedite directory scanning and produce a comprehensive file and folder structure of the target site.

Employing this tool facilitates the identification of directories or files that might be accessible yet not overtly exposed. Furthermore, it offers a glimpse into the server's file and folder arrangement, assisting in comprehending its structure and potential vulnerabilities.

Domain: [www.figma.com](http://www.figma.com)

I managed to gain a general understanding of the folder structure within the web server through Dirbuster exploration and I didn't find any errors.



```
-<DirBusterResults>
<Result type="File" path="/contact" responseCode="302"/>
<Result type="File" path="/blog" responseCode="302"/>
<Result type="File" path="/about" responseCode="302"/>
<Result type="File" path="/privacy" responseCode="301"/>
<Result type="Dir" path="/" responseCode="200"/>
<Result type="File" path="/login" responseCode="200"/>
<Result type="File" path="/help" responseCode="301"/>
<Result type="File" path="/events" responseCode="302"/>
<Result type="Dir" path="/contact/" responseCode="200"/>
<Result type="Dir" path="/about/" responseCode="200"/>
<Result type="File" path="/downloads" responseCode="302"/>
<Result type="File" path="/security" responseCode="302"/>
<Result type="Dir" path="/privacy/" responseCode="301"/>
<Result type="Dir" path="/blog/" responseCode="200"/>
<Result type="File" path="/templates" responseCode="302"/>
<Result type="File" path="/resources" responseCode="301"/>
<Result type="Dir" path="/webpack-artifacts/" responseCode="403"/>
<Result type="File" path="/features" responseCode="301"/>
<Result type="Dir" path="/pricing/" responseCode="200"/>
<Result type="File" path="/webpack-artifacts/assets/auth-7cd4b314f78ab20f.min.js" responseCode="200"/>
<Result type="File" path="/partners" responseCode="302"/>
<Result type="File" path="/signup" responseCode="200"/>
<Result type="Dir" path="/events/" responseCode="200"/>
<Result type="Dir" path="/design/" responseCode="200"/>
<Result type="Dir" path="/blog/maker-stories/" responseCode="200"/>
<Result type="Dir" path="/figjam/" responseCode="200"/>
<Result type="File" path="/blog/news" responseCode="302"/>
<Result type="Dir" path="/downloads/" responseCode="200"/>
<Result type="Dir" path="/dev-mode/" responseCode="200"/>
<Result type="Dir" path="/ux-design-tool/" responseCode="200"/>
<Result type="Dir" path="/blog/working-well/" responseCode="200"/>
<Result type="Dir" path="/web-design/" responseCode="200"/>
<Result type="Dir" path="/blog/inside-figma/" responseCode="200"/>
<Result type="Dir" path="/whats-new/" responseCode="200"/>
<Result type="Dir" path="/prototyping/" responseCode="200"/>
<Result type="Dir" path="/design-systems/" responseCode="200"/>
<Result type="Dir" path="/wireframe-tool/" responseCode="200"/>
```

I manually inspected each result and did not discover any suspicious or flawed findings.



## Nmap

Nmap, also known as Network Mapper, is a flexible port scanner engineered to probe hosts and reveal their open ports, associated services, port statuses, running service versions, and the operating system in use, among other details. This open-source tool serves various purposes, offering valuable insights into network configurations and potential vulnerabilities. Additionally, Nmap supports the execution of scripts on target systems to exploit vulnerabilities or gather additional information.

Upon installation, you can access the available options by typing "nmap -h" in your command line interface. For a more detailed understanding of how the tool operates, you can consult the manual page by entering "man nmap" in your command line interface.

\*Note that some options may require administrator / super user privileges.

I am using the following scan options for this assessment.

*sudo nmap <host name> -sS -sV -O -oN <filename>*

-sS: Enables SYN scan (also known as Stealth scan).

-sV: Enables version detection. It tries to detect the version of the service running in that port.

-O: Enables Operating System detection.

-oN : Outputs the scan results to text file

Scanned results for <https://www.figma.com/>

```
(kali@kali):~$ sudo nmap figma.com -sS -sV -O -oN figma.txt
[sudo] password for kali:
Starting Nmap 7.94SVN ( https://nmap.org ) at 2024-04-21 06:37 EDT
Nmap scan report for figma.com (13.35.18.115)
Host is up (0.020s latency).
Other addresses for figma.com (not scanned): 13.35.18.52 13.35.18.86 13.35.18.95
rDNS record for 13.35.18.115: server-13-35-18-115.sin5.r.cloudfront.net
Not shown: 997 filtered tcp ports (no-response)
PORT      STATE SERVICE VERSION
25/tcp    open  smtp?
80/tcp    open  http   Amazon CloudFront httpd
443/tcp   open  ssl/http Amazon CloudFront httpd
1 service unrecognized despite returning data. If you know the service/version, please submit the following fingerprint at https://nmap.org/cgi-bin/submit.cgi?new-service :
SF-Port25-TCP:V=7.94SVN|I=7|D=4/21|Time=6624EC86|P=x86_64-pc-linux-gnu|H
SF:ello,2A,"552\x20Invalid\x20domain\x20name\x20in\x20EHLO\x20command\.\r\
SF:n")|R(GenericLines,28,"500\x20Syntax\x20error,\x20command\x20unrecogniz
SF:ed\r\n")|R(GetRequest,28,"500\x20Syntax\x20error,\x20command\x20unrecog
SF:nized\r\n")|R(HTTPOptions,28,"500\x20Syntax\x20error,\x20command\x20unr
SF:recognized\r\n")|R(RTSPRequest,28,"500\x20Syntax\x20error,\x20command\x2
SF:Unrecognized\r\n");
Warning: OSscan results may be unreliable because we could not find at least 1 open and 1 closed port
OS fingerprint not ideal because: Missing a closed TCP port so results incomplete
No OS matches for host

OS and Service detection performed. Please report any incorrect results at https://nmap.org/submit/ .
Nmap done: 1 IP address (1 host up) scanned in 39.04 seconds
```

## Automated Testing

For automated testing, I've selected OWASP ZAP widely used tool within the industry.

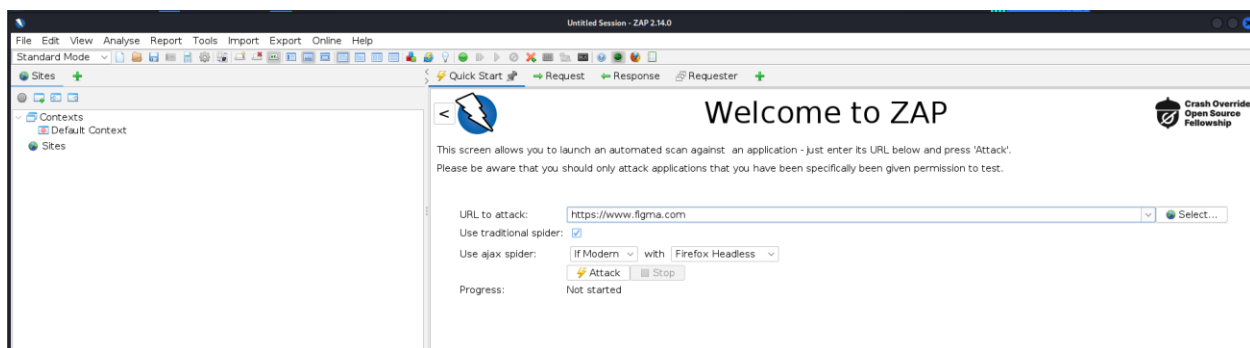
## OWASP ZAP

The Open Web Application Security Project Zed Attack Proxy (OWASP ZAP) is a well-known open-source vulnerability scanner recognized for its ability to operate as a Man-in-the-Middle (MITM) proxy. It evaluates various vulnerabilities by examining responses from the web application or server. OWASP ZAP is notably user-friendly and offers customization options through the installation of modules, allowing for efficient management of results.

Within this proxy, there are primarily two types of scans available:

1. Automated Scan: Users input the target URL and initiate the attack. The behavior can be customized by selecting the ZAP mode, triggering all scripts against the target to detect vulnerabilities and generate reports accordingly.
2. Manual Explore: Users can navigate to the target web application and begin exploration. During manual exploration, ZAP HUD (Hheads Up Display) captures each page, while the ZAP proxy records responses.

For this assessment, I am running ZAP in automated mode.



After entering the target URL in the designated textbox, simply click on "Attack" to begin the scanning process. Once finished, you can generate a detailed report of the findings by clicking on "Report."

Below are screenshots illustrating the results obtained after scanning several domains.

### Alert counts by risk and confidence

This table shows the number of alerts for each level of risk and confidence included in the report.

(The percentages in brackets represent the count as a percentage of the total number of alerts included in the report, rounded to one decimal place.)

		Confidence				
		User Confirmed	High	Medium	Low	Total
Risk	High	0 (0.0%)	1 (5.0%)	0 (0.0%)	0 (0.0%)	1 (5.0%)
	Medium	0 (0.0%)	5 (25.0%)	2 (10.0%)	1 (5.0%)	8 (40.0%)
	Low	0 (0.0%)	2 (10.0%)	2 (10.0%)	1 (5.0%)	5 (25.0%)
	Informational	0 (0.0%)	0 (0.0%)	3 (15.0%)	3 (15.0%)	6 (30.0%)
	Total	0 (0.0%)	8 (40.0%)	7 (35.0%)	5 (25.0%)	20 (100%)

### Alert counts by alert type

This table shows the number of alerts of each alert type, together with the alert type's risk level.

(The percentages in brackets represent each count as a percentage, rounded to one decimal place, of the total number of alerts included in this report.)

Alert type	Risk	Count
<a href="#">PII Disclosure</a>	High	2 (10.0%)
<a href="#">Absence of Anti-CSRF Tokens</a>	Medium	76 (380.0%)
<a href="#">Application Error Disclosure</a>	Medium	1 (5.0%)
<a href="#">CSP: Wildcard Directive</a>	Medium	354 (1,770.0%)
<a href="#">CSP: script-src unsafe-eval</a>	Medium	353 (1,765.0%)
<a href="#">CSP: script-src unsafe-inline</a>	Medium	354 (1,770.0%)
<a href="#">CSP: style-src unsafe-inline</a>	Medium	353 (1,765.0%)
<a href="#">Content Security Policy (CSP) Header Not Set</a>	Medium	1 (5.0%)
<a href="#">Cross-Domain Misconfiguration</a>	Medium	1 (5.0%)
<a href="#">Information Disclosure - Debug Error Messages</a>	Low	1 (5.0%)
<a href="#">Server Leaks Version Information via "Server" HTTP Response Header Field</a>	Low	3 (15.0%)
<a href="#">Strict-Transport-Security Header Not Set</a>	Low	3 (15.0%)

<u>Timestamp Disclosure - Unix</u>	Low	92 (460.0%)
<u>X-Content-Type-Options Header Missing</u>	Low	3 (15.0%)
<u>Information Disclosure - Suspicious Comments</u>	Informational	1553 (7,765.0%)
<u>Modern Web Application</u>	Informational	39 (195.0%)
<u>Re-examine Cache-control Directives</u>	Informational	367 (1,835.0%)
<u>Retrieved from Cache</u>	Informational	2 (10.0%)
<u>Session Management Response Identified</u>	Informational	515 (2,575.0%)
<u>User Controllable HTML Element Attribute (Potential XSS)</u>	Informational	4 (20.0%)
Total		20

\*Please note that these vulnerabilities are rated according to the OWASP risk rating methodology, which can be found in this link. [OWASP Risk Rating Methodology](#).

Below are the vulnerabilities detected within this domain, along with their impacts. The insights provided, including screenshots and remedies, are sourced from the report generated by OWASP ZAP and the Netsparker website. [ <https://www.netsparker.com/web-vulnerability-scanner/vulnerabilities> ])

<https://www.figma.com> (1)

### **PII Disclosure (1)**

▼ GET <https://www.figma.com/best-practices/the-ux-writers-guide-to-figma/>

<b>Alert tags</b>	<ul style="list-style-type: none"><li>▪ <a href="#">OWASP_2021_A04</a></li><li>▪ <a href="#">OWASP_2017_A03</a></li></ul>
<b>Alert description</b>	The response contains Personally Identifiable Information, such as CC number, SSN and similar sensitive data.
<b>Other info</b>	<p>Credit Card Type detected: Visa</p> <p>Bank Identification Number: 440484</p> <p>Brand: VISA</p> <p>Category:</p> <p>Issuer: GREATER BUILDING SOCIETY, LTD.</p>
<b>Request</b>	<ul style="list-style-type: none"><li>► Request line and header section (710 bytes)</li><li>▼ Request body (0 bytes)</li></ul>
<b>Response</b>	<ul style="list-style-type: none"><li>► Status line and header section (680 bytes)</li><li>► Response body (752879 bytes)</li></ul>
<b>Evidence</b>	4404848314647
<b>Solution</b>	Check the response for the potential presence of personally identifiable information (PII), ensure nothing sensitive is leaked by the application.

<https://www.figma.com> (5)

### **CSP: Wildcard Directive (1)**

▼ GET <https://www.figma.com/>

#### **Alert tags**

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)

#### **Alert description**

Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks. Including (but not limited to) Cross Site Scripting (XSS), and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

#### **Other info**

The following directives either allow wildcard sources (or ancestors), are not defined, or are overly broadly defined:

form-action

The directive(s): form-action are among the directives that do not fallback to default-src, missing/excluding them is the same as allowing anything.

#### **Request**

- Request line and header section (260 bytes)
- Request body (0 bytes)

#### **Response**

- Status line and header section (688 bytes)
- Response body (388653 bytes)

#### **Parameter**

content-security-policy

#### **Solution**

Ensure that your web server, application server, load balancer, etc. is properly configured to set the Content-Security-Policy header.

## CSP: script-src unsafe-eval (1)

▼ GET https://www.figma.com/

### Alert tags

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)

### Alert description

Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks. Including (but not limited to) Cross Site Scripting (XSS), and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

### Other info

script-src includes unsafe-eval.

### Request

▼ Request line and header section (260 bytes)

```
GET https://www.figma.com/ HTTP/1.1
host: www.figma.com
user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64)
AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/116.0.0.0 Safari/537.36
pragma: no-cache
cache-control: no-cache
referer: https://www.figma.com
```

► Request body (0 bytes)

### Response

► Status line and header section (688 bytes)

► Response body (388653 bytes)

### Parameter

content-security-policy

### Solution

Ensure that your web server, application server, load balancer, etc. is properly configured to set the Content-Security-Policy header.



▼ GET <https://www.figma.com/>

#### Alert tags

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)

#### Alert description

Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks. Including (but not limited to) Cross Site Scripting (XSS), and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

#### Other info

script-src includes unsafe-inline.

#### Request

- Request line and header section (260 bytes)
- ▼ Request body (0 bytes)

#### Response

- Status line and header section (688 bytes)
- Response body (388653 bytes)

#### Parameter

Content-Security-Policy

#### Solution

Ensure that your web server, application server, load balancer, etc. is properly configured to set the Content-Security-Policy header.

## **CSP: style-src unsafe-inline (1)**

▼ GET https://www.figma.com/

### **Alert tags**

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)

### **Alert description**

Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks. Including (but not limited to) Cross Site Scripting (XSS), and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

### **Other info**

style-src includes unsafe-inline.

### **Request**

▼ Request line and header section (260 bytes)

```
GET https://www.figma.com/ HTTP/1.1
host: www.figma.com
user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64)
AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/116.0.0.0 Safari/537.36
pragma: no-cache
cache-control: no-cache
referer: https://www.figma.com
```

▼ Request body (0 bytes)

### **Response**

► Status line and header section (688 bytes)

► Response body (388653 bytes)

### **Parameter**

Content-Security-Policy

**Evidence**

```
default-src 'self' https://accounts.google.com/gsi/ ;
script-src 'self' 'unsafe-eval' 'unsafe-inline' blob:
https://platform.twitter.com/js/
https://platform.twitter.com/widgets.js
https://player.vimeo.com/api/player.js
https://www.youtube.com/iframe_api
https://www.youtube.com/s/player/
https://accounts.google.com/gsi/client ; style-src
'self' 'unsafe-inline' https://fonts.googleapis.com/
https://accounts.google.com/gsi/style ; object-src
'none' ; base-uri 'self' ; font-src 'self'
https://fonts.gstatic.com ; connect-src 'self'
https://static.figma.com https://forms.figma.com
https://boards-api.greenhouse.io/v1/boards/figma/jobs
https://vimeo.com https://accounts.google.com/gsi/
https://figma.com/api/figment-proxy/monitor
https://staging.figma.com/api/figment-proxy/monitor
https://figma.com/api/figment-proxy/identify
https://staging.figma.com/api/figment-proxy/identify
https://figma.com/api/figment-proxy/page
https://staging.figma.com/api/figment-proxy/page
https://cdn.sanity.io https://events.statsigapi.net
/v1/rgstr https://featuregates.org/v1/initialize
https://o22594.ingest.sentry.io ; frame-src 'self'
https://www.figma.com https://marketing.figma.com
https://marketing.staging.figma.com
https://platform.twitter.com https://player.vimeo.com
https://www.youtube.com
https://accounts.google.com/gsi/ https://figma.com
/api/figment-proxy/monitor https://staging.figma.com
/api/figment-proxy/monitor https://figma.com
/api/figment-proxy/identify https://staging.figma.com
/api/figment-proxy/identify https://figma.com
/api/figment-proxy/page https://staging.figma.com
/api/figment-proxy/page ; img-src 'self' data: blob:
https://cdn.sanity.io https://i.vimeocdn.com
https://*.figma.com https://i.ytimg.com
https://www.gravatar.com https://i0.wp.com/s3-
alpha.figma.com/ https://i1.wp.com/s3-
alpha.figma.com/ https://i2.wp.com/s3-
alpha.figma.com/ https://i3.wp.com/s3-
alpha.figma.com/ ; media-src 'self'
https://cdn.sanity.io https://static.figma.com ;
worker-src 'none' ; upgrade-insecure-requests
```

**Solution**

Ensure that your web server, application server, load balancer, etc. is properly configured to set the Content-Security-Policy header.

## Content Security Policy (CSP) Header Not Set (1)

▼ GET <https://www.figma.com/api/user>

### Alert tags

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)

### Alert description

Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.

### Request

- Request line and header section (661 bytes)
- ▼ Request body (0 bytes)

### Response

- Status line and header section (642 bytes)
- Response body (0 bytes)

### Solution

Ensure that your web server, application server, load balancer, etc. is configured to set the Content-Security-Policy header.

## Cross-Domain Misconfiguration (1)

▼ GET <https://www.figma.com/api/user>

### Alert tags

- [OWASP\\_2021\\_A01](#)
- [OWASP\\_2017\\_A05](#)

### Alert description

Web browser data loading may be possible, due to a Cross Origin Resource Sharing (CORS) misconfiguration on the web server

### Other info

The CORS misconfiguration on the web server permits cross-domain read requests from arbitrary third party domains, using unauthenticated APIs on this domain. Web browser implementations do not permit arbitrary third parties to read the response from authenticated APIs, however. This reduces the risk somewhat. This misconfiguration could be used by an attacker to access data that is available in an unauthenticated manner, but which uses some other form of security, such as IP address white-listing.

### Request

- Request line and header section (661 bytes)
- Request body (0 bytes)

### Response

- Status line and header section (642 bytes)
- ▼ Response body (0 bytes)

### Evidence

Access-Control-Allow-Origin: \*

### Solution

Ensure that sensitive data is not available in an unauthenticated manner (using IP address white-listing, for instance).

Configure the "Access-Control-Allow-Origin" HTTP header to a more restrictive set of domains, or remove all CORS headers entirely, to allow the web browser to enforce the Same Origin Policy (SOP) in a more restrictive manner.

<https://www.figma.com> (1)

### Absence of Anti-CSRF Tokens (1)

▼ GET <https://www.figma.com/demo/>

#### Alert tags

- [OWASP\\_2021\\_A01](#)
- [WSTG-v42-SESS-05](#)
- [OWASP\\_2017\\_A05](#)

#### Alert description

No Anti-CSRF tokens were found in a HTML submission form.

A cross-site request forgery is an attack that involves forcing a victim to send an HTTP request to a target destination without their knowledge or intent in order to perform an action as the victim. The underlying cause is application functionality using predictable URL/form actions in a repeatable way. The nature of the attack is that CSRF exploits the trust that a web site has for a user. By contrast, cross-site scripting (XSS) exploits the trust that a user has for a web site. Like XSS, CSRF attacks are not necessarily cross-site, but they can be. Cross-site request forgery is also known as CSRF, XSRF, one-click attack, session riding, confused deputy, and sea surf.

CSRF attacks are effective in a number of situations, including:

- \* The victim has an active session on the target site.
- \* The victim is authenticated via HTTP auth on the target site.
- \* The victim is on the same local network as the target site.

CSRF has primarily been used to perform an action against a target site using the victim's privileges, but recent techniques have been discovered to disclose information by gaining access to the response. The risk of information disclosure is dramatically increased when the target site is vulnerable to XSS, because XSS can be used as a platform for CSRF, allowing the attack to operate within the bounds of the same-origin policy.

#### Other info

No known Anti-CSRF token [anticsrf, CSRFToken, \_\_RequestVerificationToken, csrfmiddlewaretoken, authenticity\_token, OWASP\_CSRFTOKEN, anoncsrf, csrf\_token, \_csrf, \_csrfSecret, \_csrf\_magic, CSRF, \_token, \_csrf\_token] was found in the following HTML form: [Form 1: "companyName" "firstName" "lastName" "phoneNumber" "utmSource" "workEmailAddress" ].

<b>Response</b>	<ul style="list-style-type: none"> <li>► Status line and header section (680 bytes)</li> <li>► Response body (407990 bytes)</li> </ul>
<b>Evidence</b>	<code>&lt;form noValidate=""&gt;</code>
<b>Solution</b>	<p>Phase: Architecture and Design</p> <p>Use a vetted library or framework that does not allow this weakness to occur or provides constructs that make this weakness easier to avoid.</p> <p>For example, use anti-CSRF packages such as the OWASP CSRFGuard.</p> <p>Phase: Implementation</p> <p>Ensure that your application is free of cross-site scripting issues, because most CSRF defenses can be bypassed using attacker-controlled script.</p> <p>Phase: Architecture and Design</p> <p>Generate a unique nonce for each form, place the nonce into the form, and verify the nonce upon receipt of the form. Be sure that the nonce is not predictable (CWE-330).</p> <p>Note that this can be bypassed using XSS.</p> <p>Identify especially dangerous operations. When the user performs a dangerous operation, send a separate confirmation request to ensure that the user intended to perform that operation.</p> <p>Note that this can be bypassed using XSS.</p> <p>Use the ESAPI Session Management control.</p> <p>This control includes a component for CSRF.</p> <p>Do not use the GET method for any request that triggers a state change.</p> <p>Phase: Implementation</p> <p>Check the HTTP Referer header to see if the request originated from an expected page. This could break legitimate functionality, because users or proxies may have disabled sending the Referer for privacy reasons.</p>

<https://www.figma.com> (2)

### Server Leaks Version Information via "Server" HTTP Response Header Field (1)

▼ GET <https://www.figma.com/webpack-artifacts/assets/auth-7171ac4ab60abf7a.min.en.json>

#### Alert tags

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)
- [WSTG-v42-INFO-02](#)

#### Alert description

The web/application server is leaking version information via the "Server" HTTP response header. Access to such information may facilitate attackers identifying other vulnerabilities your web/application server is subject to.

#### Request

- Request line and header section (727 bytes)
- Request body (0 bytes)

#### Response

- ▼ Status line and header section (688 bytes)

```
HTTP/1.1 200 OK
Content-Type: application/json; charset=utf-8
Content-Length: 41586
Connection: keep-alive
Date: Sat, 27 Apr 2024 09:39:07 GMT
x-amz-replication-status: COMPLETED
Last-Modified: Fri, 26 Apr 2024 00:38:26 GMT
ETag: "855548fe278b153e9e7496b734569c73"
x-amz-server-side-encryption: AES256
Cache-Control: max-age=31536000
Content-Encoding: gzip
x-amz-version-id: .uvVo..R4i7zz9F_itU5a8tLG3H0yp3u
Accept-Ranges: bytes
Server: AmazonS3
X-Cache: Miss from cloudfront
Via: 1.1
14193a789201b44415bebb86f9e5fe9c.cloudfront.net
(CloudFront)
X-Amz-Cf-Pop: SIN5-C1
Alt-Svc: h3=":443"; ma=86400
X-Amz-Cf-Id: mA091P-
_N34707KkCeiHY0Pj0nRMWHX2EXmykQm9XjIcLArKc-tWhA==
```

- Response body (41586 bytes)

#### Evidence

AmazonS3

#### Solution

Ensure that your web server, application server, load balancer, etc. is configured to suppress the "Server" header or provide generic details.



## Strict-Transport-Security Header Not Set (1)

▼ GET https://www.figma.com/webpack-artifacts/assets/auth-7171ac4ab60abf7a.min.en.json

### Alert tags

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)

### Alert description

HTTP Strict Transport Security (HSTS) is a web security policy mechanism whereby a web server declares that complying user agents (such as a web browser) are to interact with it using only secure HTTPS connections (i.e. HTTP layered over TLS/SSL). HSTS is an IETF standards track protocol and is specified in RFC 6797.

### Request

▼ Request line and header section (727 bytes)

```
GET https://www.figma.com/webpack-artifacts/assets/auth-7171ac4ab60abf7a.min.en.json HTTP/1.1
host: www.figma.com
user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/116.0.0.0 Safari/537.36
pragma: no-cache
cache-control: no-cache
referer: https://www.figma.com/login?locale=en
Cookie: __Host-figma.did=MTcxNDIxMDcyNg.2IlzPA7puPMxYZ0dxv%2B1rgXu5qjWf2EXmt3I2Ne453k.30wGQ%2BzN%2Folc6Cp%2F0ucD9wtax8do%2BWZfQxJqCBny6tE;figma.session=BAh7B0kiD3Nlc3Npb25faWQ0gZfVg86HVJhY2s60lNlc3Npb2460lNlc3Npb25JZAY6D0BwdWJsawNfawRJIKU50DFkNmEyNjU1ZGMwZTNjM2U2YzE1ODRiZDc0N2MyZGRkZTBiNWlwOGQ5ZWY0N2FjMjk4YzljM2JlMmQ5ZjdiBjsARkkiCmZsYXNoBjsARnsA--4f8b297913aa88a482d1485e26213216a35f6b48
```

► Request body (0 bytes)

### Response

► Status line and header section (688 bytes)

► Response body (41586 bytes)

### Solution

Ensure that your web server, application server, load balancer, etc. is configured to enforce Strict-Transport-Security.

<https://www.figma.com> (2)

#### **Information Disclosure - Debug Error Messages (1)**

▼ GET <https://www.figma.com/webpack-artifacts/assets/auth-7171ac4ab60abf7a.min.en.json>

##### **Alert tags**

- [OWASP\\_2021\\_A01](#)
- [WSTG-v42-ERRH-01](#)
- [OWASP\\_2017\\_A03](#)

##### **Alert description**

The response appeared to contain common error messages returned by platforms such as ASP.NET, and Web-servers such as IIS and Apache. You can configure the list of common debug messages.

##### **Request**

- Request line and header section (727 bytes)
- Request body (0 bytes)

##### **Response**

- Status line and header section (688 bytes)
- Response body (41586 bytes)

##### **Evidence**

Internal server error

##### **Solution**

Disable debugging messages before pushing to production.

---

### X-Content-Type-Options Header Missing (1)

▼ GET <https://www.figma.com/webpack-artifacts/assets/auth-7171ac4ab60abf7a.min.en.json>

#### Alert tags

- [OWASP\\_2021\\_A05](#)
- [OWASP\\_2017\\_A06](#)

#### Alert description

The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.

#### Other Info

This issue still applies to error type pages (401, 403, 500, etc.) as those pages are often still affected by injection issues, in which case there is still concern for browsers sniffing pages away from their actual content type.

At "High" threshold this scan rule will not alert on client or server error responses.

#### Request

- Request line and header section (727 bytes)
- Request body (0 bytes)

#### Response

- Status line and header section (688 bytes)
- Response body (41586 bytes)

#### Parameter

x-content-type-options

#### Solution

Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.

If possible, ensure that the end user uses a standards-compliant and modern web browser that does not perform MIME-sniffing at all, or that can be directed by the web application/web server to not perform MIME-sniffing.

<https://www.figma.com> (1)

### Timestamp Disclosure - Unix (1)

▼ GET <https://www.figma.com/login?locale=en>

Alert tags	<ul style="list-style-type: none"><li>▪ <a href="#">OWASP_2021_A01</a></li><li>▪ <a href="#">OWASP_2017_A03</a></li></ul>
Alert description	A timestamp was disclosed by the application/web server - Unix
Other info	1714210726, which evaluates to: 2024-04-27 05:38:46
Request	<p>▼ Request line and header section (275 bytes)</p> <pre>GET https://www.figma.com/login?locale=en HTTP/1.1 host: www.figma.com user-agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/116.0.0.0 Safari/537.36 pragma: no-cache cache-control: no-cache referrer: https://www.figma.com</pre> <p>▼ Request body (0 bytes)</p>
Response	<p>► Status line and header section (2896 bytes)</p> <p>► Response body (59637 bytes)</p>
Evidence	1714210726
Solution	Manually confirm that the timestamp data is not sensitive, and that the data cannot be aggregated to disclose exploitable patterns.

<https://www.figma.com> (3)

### Modern Web Application (1)

▼ GET <https://www.figma.com/login?locale=en>

#### Alert tags

#### Alert description

The application appears to be a modern web application. If you need to explore it automatically then the Ajax Spider may well be more effective than the standard one.

#### Other info

No links have been found while there are scripts, which is an indication that this is a modern web application.

#### Request

- ▶ Request line and header section (275 bytes)
- ▼ Request body (0 bytes)

#### Response

- ▶ Status line and header section (2896 bytes)
- ▶ Response body (59637 bytes)

#### Evidence

```
<script nonce="RLy0D4F4WeM8TLHduQoLXg==">
  if (function() {
    if (window.WebGL2RenderingContext ===
undefined) {
      // WebGL2.0 check
      return true
    }
    if (window.WeakRef === undefined) {
      // WeakRef check
      return true
    }
  }) {
    location.href = '/unsupported_browser'
  }
</script>
```

#### Solution

This is an informational alert and so no changes are required.

## Retrieved from Cache (1)

▼ GET <https://www.figma.com>

### Alert tags

- [WSTG-v42-ATHN-06](#)

### Alert description

The content was retrieved from a shared cache. If the response data is sensitive, personal or user-specific, this may result in sensitive information being leaked. In some cases, this may even result in a user gaining complete control of the session of another user, depending on the configuration of the caching components in use in their environment. This is primarily an issue where caching servers such as "proxy" caches are configured on the local network. This configuration is typically found in corporate or educational environments, for instance.

### Request

- Request line and header section (227 bytes)
- Request body (0 bytes)

### Response

- Status line and header section (688 bytes)
- Response body (388653 bytes)

### Evidence

Hit from cloudfront

### Solution

Validate that the response does not contain sensitive, personal or user-specific information. If it does, consider the use of the following HTTP response headers, to limit, or prevent the content being stored and retrieved from the cache by another user:

Cache-Control: no-cache, no-store, must-revalidate, private

Pragma: no-cache

Expires: 0

This configuration directs both HTTP 1.0 and HTTP 1.1 compliant caching servers to not store the response, and to not retrieve the response (without validation) from the cache, in response to a similar request.

### Session Management Response Identified (1)

▼ GET https://www.figma.com/signup?locale=en

#### Alert tags

#### Alert description

The given response has been identified as containing a session management token. The 'Other Info' field contains a set of header tokens that can be used in the Header Based Session Management Method. If the request is in a context which has a Session Management Method set to "Auto-Detect" then this rule will change the session management to use the tokens identified.

#### Other Info

cookie:figma.session

cookie: \_\_Host-figma.did

#### Request

▼ Request line and header section (276 bytes)

```
GET https://www.figma.com/signup?locale=en HTTP/1.1
host: www.figma.com
user-agent: Mozilla/5.0 (Windows NT 10.0; Win64;
x64) AppleWebKit/537.36 (KHTML, like Gecko)
Chrome/116.0.0.0 Safari/537.36
pragma: no-cache
cache-control: no-cache
referer: https://www.figma.com
```

▼ Request body (0 bytes)

#### Response

► Status line and header section (2896 bytes)

► Response body (59591 bytes)

#### Parameter

figma.session

#### Evidence

```
BAh7B0kiD3Nlc3Npb25faWQ0gZfVG86HVJhY2s60lNlc3Npb2460
lNlc3Npb25JZAY6D0BwdWJsawNfaWRJlU50DFkNmEyNjU1ZGMwZT
NjM2U2YzE1ODRiZDc0N2MyZGRkZTBiNWlwOGQ5ZWY0N2FjMjk4YzI
jM2JlMmQ5ZjdiBjsARkkiCmZsYXNoBjsARnsA--
4f8b297913aa88a482d1485e26213216a35f6b48
```

#### Solution

This is an informational alert rather than a vulnerability and so there is nothing to fix.

<https://www.figma.com> (3)

#### Information Disclosure - Suspicious Comments (1)

▼ GET <https://www.figma.com>

##### Alert tags

- [OWASP\\_2021\\_A01](#)
- [WSTG-v42-INFO-05](#)
- [OWASP\\_2017\\_A03](#)

##### Alert description

The response appears to contain suspicious comments which may help an attacker. Note: Matches made within script blocks or files are against the entire content not only comments.

##### Other info

The following pattern was used: `\bBUG\b` and was detected in the element starting with: `"<script>self.__next_f.push([1,"1c: [{"${\"html\"},null,{\"lang\": \"en\", \"children\": [\"${\"head\",null,{\"children\": [\"${\"\"`, see evidence field for the suspicious comment/snippet.

##### Request

- Request line and header section (227 bytes)
- Request body (0 bytes)

##### Response

- Status line and header section (688 bytes)
- Response body (388653 bytes)

##### Evidence

bug

##### Solution

Remove all comments that return information that may help an attacker and fix any underlying problems they refer to.



## Re-examine Cache-control Directives (1)

▼ GET https://www.figma.com/

### Alert tags

- [WSTG-v42-ATHN-06](#)

### Alert description

The cache-control header has not been set properly or is missing, allowing the browser and proxies to cache content. For static assets like css, js, or image files this might be intended, however, the resources should be reviewed to ensure that no sensitive content will be cached.

### Request

- Request line and header section (260 bytes)
- Request body (0 bytes)

### Response

- Status line and header section (688 bytes)
- Response body (388653 bytes)

### Parameter

cache-control

### Evidence

max-age=30

### Solution

For secure content, ensure the cache-control HTTP header is set with "no-cache, no-store, must-revalidate". If an asset should be cached consider setting the directives "public, max-age, immutable".

### User Controllable HTML Element Attribute (Potential XSS) (1)

▼ GET <https://www.figma.com/login?locale=en>

#### Alert tags

- [OWASP\\_2021\\_A03](#)
- [OWASP\\_2017\\_A01](#)

#### Alert description

This check looks at user-supplied input in query string parameters and POST data to identify where certain HTML attribute values might be controlled. This provides hot-spot detection for XSS (cross-site scripting) that will require further review by a security analyst to determine exploitability.

#### Other info

User-controlled HTML attribute values were found. Try injecting special characters to see if XSS might be possible. The page at the following URL:

<https://www.figma.com/login?locale=en>

appears to include user input in:

a(n) [html] tag [lang] attribute

The user input found was:

locale=en

The user-controlled value was:

en

#### Request

- Request line and header section (275 bytes)
- Request body (0 bytes)

#### Response

- Status line and header section (2896 bytes)
- Response body (59637 bytes)

#### Parameter

locale

#### Solution

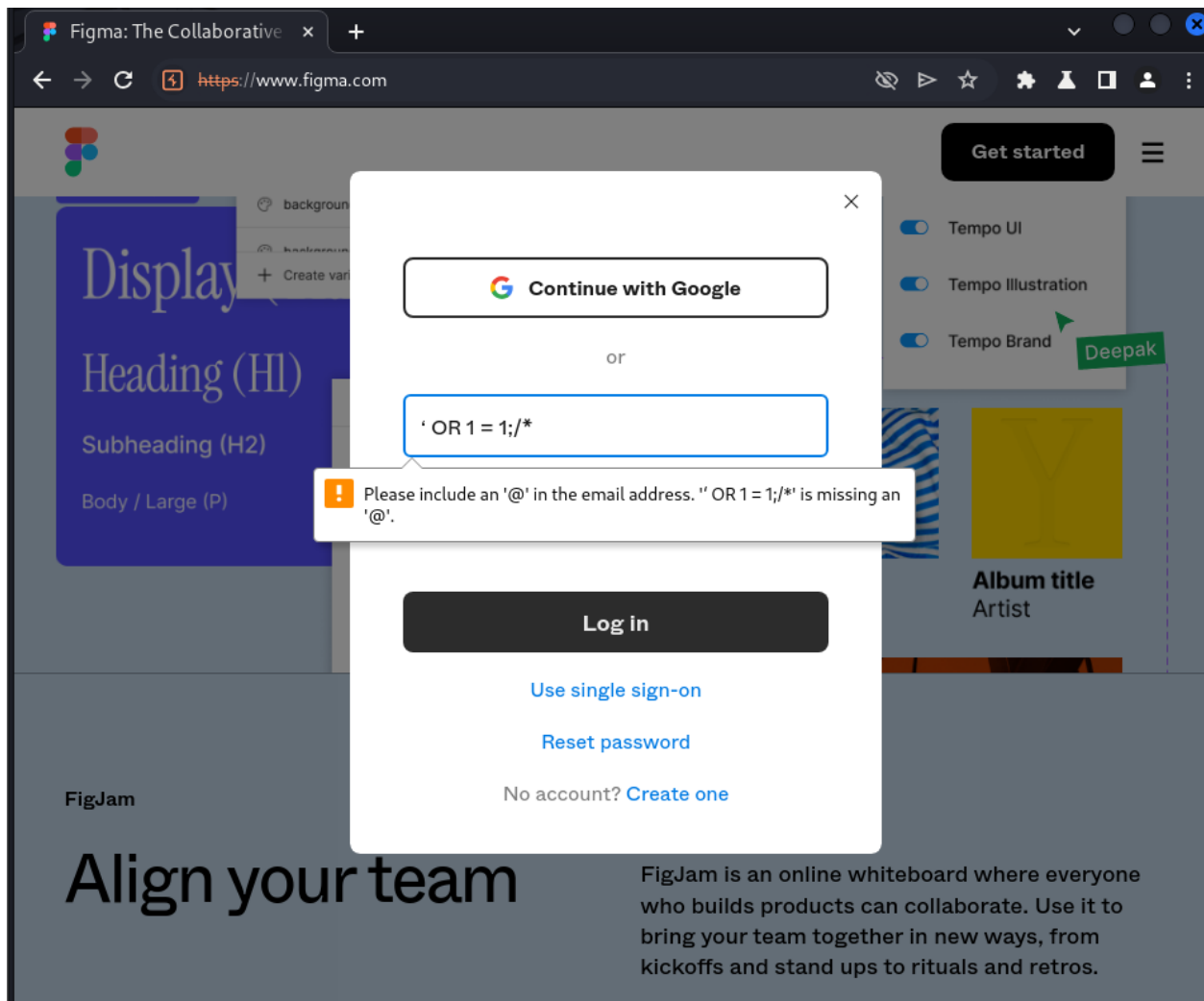
Validate all input and sanitize output it before writing to any HTML attributes.

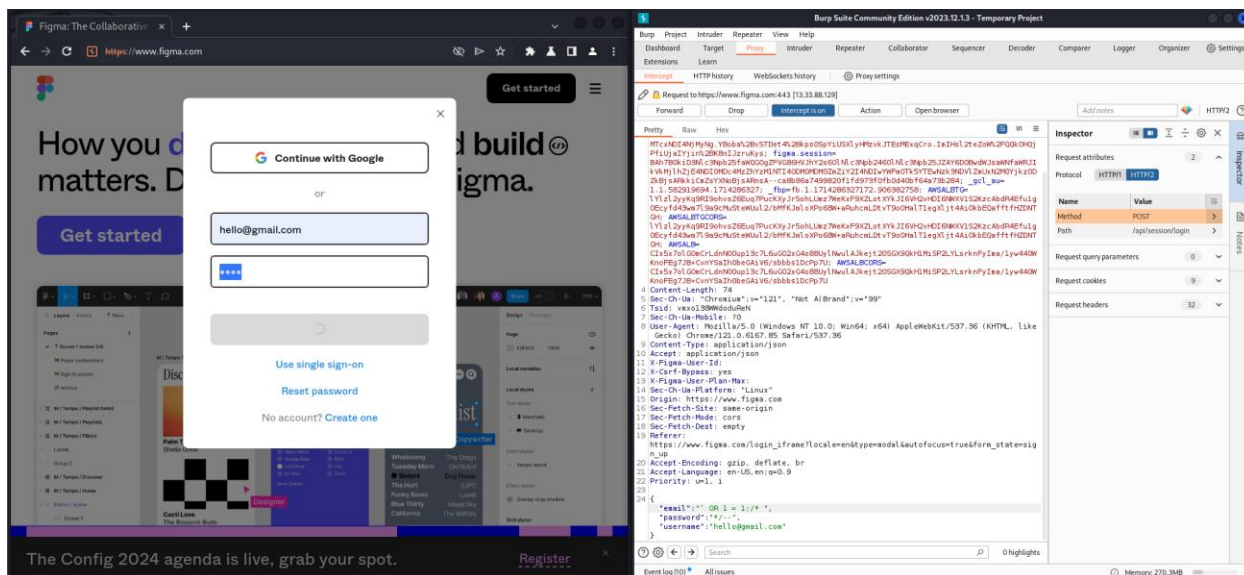
## Manual Testing

### SQL injection

If this page is vulnerable to SQL injection attack the Query will be executed as:

SELECT \* FROM users WHERE email address = ' OR 1 = 1;/\* AND password = \*/--



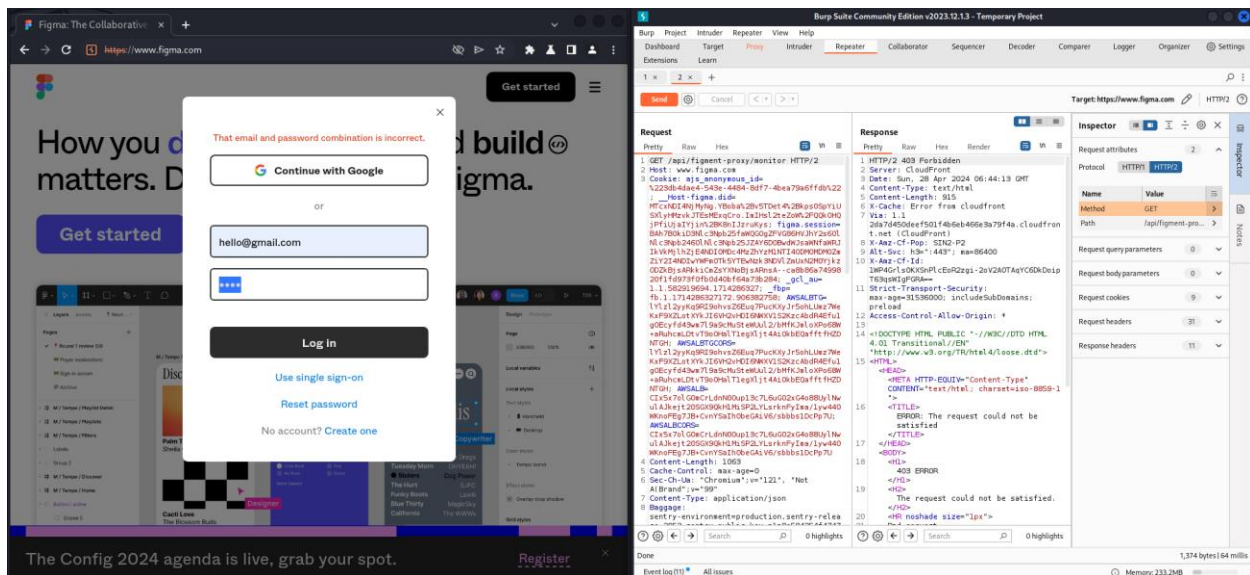


They have implemented password policies, so I attempted to intercept the request and conduct SQL injection, but I was unsuccessful. The system is well secured against SQL injection.

## Checking for Insecure HTTP methods

Specific HTTP methods, particularly DELETE and PUT, pose potential security threats to the server. The DELETE method has the capability to eliminate resources from the server, while the PUT method can upload and execute files. However, these methods need to be used with care as they could potentially jeopardize the Confidentiality, Integrity, and Availability of the server and its users.

To determine the HTTP methods that are supported, I utilized the Burp proxy to capture requests and the Repeater to alter the request method. This allowed me to dispatch the altered requests to the server and scrutinize the responses.



The server only supports the POST method. Therefore, no insecure methods were utilized on the server.

## Conclusion

The web application, along with its associated authorization gateway, showcases a commendable level of upkeep and control, particularly from a cybersecurity standpoint. While there have been occurrences of information exposure, these can be suitably handled, and their corresponding risk quotient is evaluated to be minimal. It's worth noting that all detected security weaknesses fell into the categories of either being Informational or of Low severity. Moreover, the vulnerabilities that were categorized as Low are not readily exploitable, as has been evidenced in the past.

It's also important to highlight that the application's security measures are regularly updated to keep up with the evolving threat landscape. Regular security audits are conducted to identify and rectify any potential vulnerabilities. The application also employs a robust encryption mechanism to protect sensitive data and ensure secure communication. Additionally, the application's user authentication process is designed to prevent unauthorized access, further enhancing its security posture. Despite the presence of some low-level vulnerabilities, the overall security of the web application and its authorization portal is well-maintained and managed. This reflects the commitment to security and the proactive approach taken towards identifying and addressing potential security issues.

## References

[OWASP Top Ten | OWASP Foundation](#)

[WSTG - Stable | OWASP Foundation](#)

[ZAP \(zaproxy.org\)](#)

[GitHub - aboul3la/Sublist3r: Fast subdomains enumeration tool for penetration testers](#)

[GitHub - tomnomnom/httpprobe: Take a list of domains and probe for working HTTP and HTTPS servers](#)

[Kali Tools | Kali Linux Tools](#)

[Netcraft | Leader in Phishing Detection, Cybercrime Disruption and Website Takedown](#)

[Nmap: the Network Mapper - Free Security Scanner](#)