Bug Bounty Report for Meta (Facebook/WhatsApp)

Title: Exposure of Sensitive User Information via Linked Facebook and WhatsApp Accounts

Summary: A vulnerability exists in the way Meta handles Facebook and WhatsApp account integration. This flaw allows attackers to collect sensitive information, including Facebook profile pictures, Public Facebook IDs (PFBIDs), and WhatsApp phone numbers. The attacker can compile personal data for multiple users with minimal effort, leading to a severe privacy violation and increasing the risk of targeted stalking and social engineering attacks.

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Steps to Reproduce:

1. Access a compromised or leaked WhatsApp phone number URL, such as:

https://www.whatsapp.com/accounts?phone=905425687550&

2. Follow the link to the associated Facebook profile, which reveals:

https://www.facebook.com/profile.php?id=100064758844407

3. The attacker now has access to the following:

The Facebook profile name.

The Public Facebook ID (PFBID) which is associated with numerical profile IDs, further exposing other profile details.

Facebook profile pictures.

4. The process can be repeated for multiple users, accumulating sensitive information like WhatsApp phone numbers, Facebook profile details, and personal images, all without authentication.

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Evidence: The following is an example of compromised information collected via the attack:

WhatsApp Number: +905425687550

Facebook Profile: https://www.facebook.com/profile.php?id=100064758844407

Profile Picture PFBID Exposure:

Profile images with numerical IDs (PFBIDs) attached to URLs.

Example: User Nandar Singh (see screenshot for visual proof of profile image access).

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Impact: This vulnerability allows for the collection of the following types of sensitive user information:

1. Facebook Profile Pictures.

2. WhatsApp Numbers.

3. Public Facebook IDs (PFBIDs).

4. Other sensitive URLs exposing user-specific data.

This personal information can be used to stalk, socially engineer, or harass users across platforms. The data leakage allows a malicious actor to compile user details without their consent, leading to potential harm.

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Security Misconfiguration and Weaknesses: The vulnerability stems from weak access controls and improper authorization management between WhatsApp and Facebook integrations. The following weaknesses are directly related to this issue:

CWE-359: Exposure of Private Information ('Privacy Violation')

Personal data such as WhatsApp numbers, profile images, and Facebook IDs are leaked.

CWE-285: Improper Authorization

The system fails to enforce proper access controls, allowing unauthorized users to gather sensitive data.

CWE-312: Cleartext Storage of Sensitive Information

Personal data such as phone numbers and user IDs are easily accessible and stored in cleartext across URLs.

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CVSS Score:

Base Score: 9.1 (Critical)

Vector: AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

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Remediation: To fix this issue, Meta should implement the following:

1. Enhanced Authentication: Strengthen access controls for URLs containing sensitive information like profile pictures, WhatsApp numbers, and PFBIDs. Ensure only authorized users can view this data.

2. Data Masking: Mask sensitive information in the URLs or metadata that can be directly accessed by unauthorized users.

3. Cleartext Removal: Securely encrypt sensitive data, such as PFBIDs and phone numbers, before transmitting or storing it.

4. Audit and Fix Privacy Loopholes: Conduct a comprehensive audit to identify other instances where sensitive data may be inadvertently exposed between Meta's platforms.

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Conclusion:

This vulnerability poses a significant risk to user privacy, enabling malicious actors to compile and exploit sensitive personal data with little effort. It affects both WhatsApp and Facebook users by exposing phone numbers, profile details, and other identifying information, leading to serious stalking or social engineering threats.

User PFBIDs and more exposure using basic python script.

Packages: selenium, chromedriver.

Hacker: DeadmanXXXII

15/10/2024

Terminal:

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# python3 ls4.py

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=cs

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=de

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=en

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=es

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=fr

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=it

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=hu

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=nl

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=pl

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=pt\_pt

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=ro

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=sk

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=sl

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=sv

https://www.whatsapp.com/legal/cookies

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=cs

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=de

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=en

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=es

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=fr

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=it

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=hu

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=nl

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=pl

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=pt\_pt

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=ro

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=sk

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=sl

https://www.whatsapp.com/accounts?phone=--sanitized--&&lang=sv

https://support.google.com/chrome/answer/95647

https://support.microsoft.com/en-us/topic/delete-and-manage-cookies-168dab11-0753-043d-7c16-ede5947fc64d

https://support.mozilla.org/en-US/kb/enhanced-tracking-protection-firefox-desktop

https://support.apple.com/en-ie/guide/safari/sfri11471/mac

https://support.apple.com/en-us/HT201265

https://blogs.opera.com/news/2015/08/how-to-manage-cookies-in-opera/

https://www.whatsapp.com/accounts?phone=905425687550&#content-wrapper

https://www.whatsapp.com/

https://www.whatsapp.com/privacy

https://www.whatsapp.com/stayconnected

https://www.whatsapp.com/community

https://www.whatsapp.com/expressyourself

https://business.whatsapp.com/

https://www.whatsapp.com/privacy

https://faq.whatsapp.com/

https://blog.whatsapp.com/

https://business.whatsapp.com/

https://whatsapp.com/download

https://www.whatsapp.com/download

https://twitter.com/whatsapp

https://www.youtube.com/channel/UCAuerig2N-RZWJT8x75V9yw

https://www.instagram.com/whatsapp/?hl=en

https://www.facebook.com/profile.php?id=100064758844406

https://www.whatsapp.com/legal/

https://www.whatsapp.com/

https://www.whatsapp.com/

https://www.whatsapp.com/privacy

https://www.whatsapp.com/stayconnected

https://www.whatsapp.com/community

https://www.whatsapp.com/expressyourself

https://business.whatsapp.com/

https://www.whatsapp.com/privacy

https://faq.whatsapp.com/

https://blog.whatsapp.com/

https://business.whatsapp.com/

https://web.whatsapp.com/

https://whatsapp.com/download

https://www.whatsapp.com/download

https://www.whatsapp.com/download

https://www.whatsapp.com/

https://www.whatsapp.com/privacy

https://www.whatsapp.com/stayconnected

https://www.whatsapp.com/community

https://www.whatsapp.com/expressyourself

https://business.whatsapp.com/

https://www.whatsapp.com/download

https://twitter.com/whatsapp

https://www.youtube.com/channel/UCAuerig2N-RZWJT8x75V9yw

https://www.instagram.com/whatsapp/?hl=en

https://www.facebook.com/profile.php?id=100064758844406

https://www.whatsapp.com/

https://www.whatsapp.com/

https://www.whatsapp.com/download

https://www.whatsapp.com/stayconnected

https://blog.whatsapp.com/

https://www.whatsapp.com/security

https://business.whatsapp.com/

https://www.whatsapp.com/about

https://www.whatsapp.com/join

https://www.facebook.com/brand/resources/whatsapp/whatsapp-brand

https://www.whatsapp.com/privacy

https://www.whatsapp.com/android

https://www.whatsapp.com/download

https://www.whatsapp.com/download

https://web.whatsapp.com/

https://www.whatsapp.com/contact

https://faq.whatsapp.com/

https://www.whatsapp.com/download

https://www.whatsapp.com/security/advisories

https://www.whatsapp.com/download

https://twitter.com/whatsapp

https://www.youtube.com/channel/UCAuerig2N-RZWJT8x75V9yw

https://www.instagram.com/whatsapp/?hl=en

https://www.facebook.com/profile.php?id=100064758844406

https://www.whatsapp.com/legal/

https://www.whatsapp.com/sitemap

https://twitter.com/whatsapp

https://www.youtube.com/channel/UCAuerig2N-RZWJT8x75V9yw

https://www.instagram.com/whatsapp/?hl=en

https://www.facebook.com/profile.php?id=100064758844406

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# cat ls4.py

from selenium import webdriver

from selenium.webdriver.chrome.service import Service

from selenium.webdriver.chrome.options import Options

from selenium.webdriver.common.by import By

from selenium.webdriver.support.ui import WebDriverWait

from selenium.webdriver.support import expected\_conditions as EC

import time

# Path to your chromedriver

chrome\_driver\_path = '/usr/bin/chromedriver'

# Set up Chrome options

chrome\_options = Options()

chrome\_options.add\_argument('--headless') # Ensure GUI is not needed

chrome\_options.add\_argument('--no-sandbox')

chrome\_options.add\_argument('--disable-dev-shm-usage')

# Initialize the Chrome driver

service = Service(chrome\_driver\_path)

driver = webdriver.Chrome(service=service, options=chrome\_options)

try:

url = "https://www.whatsapp.com/accounts?phone=905425687550&"

driver.get(url)

# Wait for the page to load

WebDriverWait(driver, 10).until(EC.presence\_of\_element\_located((By.TAG\_NAME, 'body')))

# Example: Scrape all links

links = driver.find\_elements(By.TAG\_NAME, 'a')

for link in links:

print(link.get\_attribute('href'))

finally:

# Clean up

driver.quit()

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# curl -I -L https://www.facebook.com/profile.php?id=100064758844409

HTTP/2 200

vary: Accept-Encoding

accept-ch-lifetime: 4838400

accept-ch: viewport-width,dpr,Sec-CH-Prefers-Color-Scheme,Sec-CH-UA-Full-Version-List,Sec-CH-UA-Platform-Version,Sec-CH-UA-Model

pragma: no-cache

cache-control: private, no-cache, no-store, must-revalidate

expires: Sat, 01 Jan 2000 00:00:00 GMT

content-security-policy: default-src data: blob: 'self' https://\*.fbsbx.com 'unsafe-inline' \*.facebook.com \*.fbcdn.net 'unsafe-eval';script-src \*.facebook.com \*.fbcdn.net \*.facebook.net 127.0.0.1:\* 'unsafe-inline' blob: data: 'self' connect.facebook.net 'unsafe-eval' https://\*.google-analytics.com \*.google.com;style-src \*.fbcdn.net data: \*.facebook.com 'unsafe-inline' https://fonts.googleapis.com;connect-src \*.facebook.com facebook.com \*.fbcdn.net \*.facebook.net wss://\*.facebook.com:\* wss://\*.whatsapp.com:\* wss://\*.fbcdn.net attachment.fbsbx.com ws://localhost:\* blob: \*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/ v.whatsapp.net \*.fbsbx.com \*.fb.com https://\*.google-analytics.com;font-src data: \*.facebook.com \*.fbcdn.net \*.fbsbx.com https://fonts.gstatic.com;img-src \*.fbcdn.net \*.facebook.com data: https://\*.fbsbx.com facebook.com \*.cdninstagram.com fbsbx.com fbcdn.net connect.facebook.net \*.carriersignal.info blob: android-webview-video-poster: \*.whatsapp.net \*.fb.com \*.oculuscdn.com \*.tenor.co \*.tenor.com \*.giphy.com https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://\*.google-analytics.com;media-src \*.cdninstagram.com blob: \*.fbcdn.net \*.fbsbx.com www.facebook.com \*.facebook.com data: \*.tenor.co \*.tenor.com https://\*.giphy.com;frame-src \*.facebook.com \*.fbsbx.com fbsbx.com data: www.instagram.com \*.fbcdn.net https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net \*.google.com \*.doubleclick.net;worker-src blob: \*.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;

x-frame-options: DENY

x-content-type-options: nosniff

x-xss-protection: 0

reporting-endpoints: coop\_report="https://www.facebook.com/browser\_reporting/coop/?minimize=0", coep\_report="https://www.facebook.com/browser\_reporting/coep/?minimize=0", default="https://www.facebook.com/ajax/comet\_error\_reports/?device\_level=unknown&brsid=7426110236368539660"

report-to: {"max\_age":2592000,"endpoints":[{"url":"https:\/\/www.facebook.com\/browser\_reporting\/coop\/?minimize=0"}],"group":"coop\_report","include\_subdomains":true}, {"max\_age":86400,"endpoints":[{"url":"https:\/\/www.facebook.com\/browser\_reporting\/coep\/?minimize=0"}],"group":"coep\_report"}, {"max\_age":259200,"endpoints":[{"url":"https:\/\/www.facebook.com\/ajax\/comet\_error\_reports\/?device\_level=unknown&brsid=7426110236368539660"}]}

cross-origin-embedder-policy-report-only: require-corp;report-to="coep\_report"

cross-origin-opener-policy: same-origin-allow-popups;report-to="coop\_report"

strict-transport-security: max-age=15552000; preload

content-type: text/html; charset="utf-8"

x-fb-debug: HI39gbOrXuvu+cdg0/c4RhQ7h99ViPJOehXsi8N8YqsA7lkJrKM41XafOSQLz4pEJy1apakkMHR2On2RyhaeJQ==

date: Tue, 15 Oct 2024 21:00:26 GMT

x-fb-connection-quality: EXCELLENT; q=0.9, rtt=14, rtx=0, c=10, mss=1380, tbw=2689, tp=-1, tpl=-1, uplat=51, ullat=0

alt-svc: h3=":443"; ma=86400

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# curl -I -L https://www.facebook.com/profile.php?id=100034758844409

HTTP/2 302

location: https://www.facebook.com/nandar.singh.507/

reporting-endpoints: coop\_report="https://www.facebook.com/browser\_reporting/coop/?minimize=0"

report-to: {"max\_age":2592000,"endpoints":[{"url":"https:\/\/www.facebook.com\/browser\_reporting\/coop\/?minimize=0"}],"group":"coop\_report","include\_subdomains":true}

cross-origin-opener-policy: same-origin-allow-popups

strict-transport-security: max-age=15552000; preload

content-type: text/html; charset="utf-8"

x-fb-debug: mrDn2m00yIDJbsJldB/awVzBTejBeCpddtHYTF5w1EUJ7WuloePg0Evg87tZg1Cc1VEqT6SL3rKccxH9ElENzw==

content-length: 0

date: Tue, 15 Oct 2024 21:02:58 GMT

x-fb-connection-quality: EXCELLENT; q=0.9, rtt=16, rtx=0, c=10, mss=1380, tbw=2690, tp=-1, tpl=-1, uplat=29, ullat=0

alt-svc: h3=":443"; ma=86400

HTTP/2 200

vary: Accept-Encoding

accept-ch-lifetime: 4838400

accept-ch: viewport-width,dpr,Sec-CH-Prefers-Color-Scheme,Sec-CH-UA-Full-Version-List,Sec-CH-UA-Platform-Version,Sec-CH-UA-Model

link: <https://www.facebook.com/nandar.singh.507>; rel="canonical"

reporting-endpoints: coop\_report="https://www.facebook.com/browser\_reporting/coop/?minimize=0", default="https://www.facebook.com/ajax/comet\_error\_reports/?device\_level=unknown&brsid=7426110889259842757", permissions\_policy="https://www.facebook.com/ajax/browser\_error\_reports/"

report-to: {"max\_age":2592000,"endpoints":[{"url":"https:\/\/www.facebook.com\/browser\_reporting\/coop\/?minimize=0"}],"group":"coop\_report","include\_subdomains":true}, {"max\_age":259200,"endpoints":[{"url":"https:\/\/www.facebook.com\/ajax\/comet\_error\_reports\/?device\_level=unknown&brsid=7426110889259842757"}]}, {"max\_age":21600,"endpoints":[{"url":"https:\/\/www.facebook.com\/ajax\/browser\_error\_reports\/"}],"group":"permissions\_policy"}

content-security-policy-report-only: default-src data: blob: 'self' https://\*.fbsbx.com 'unsafe-inline' \*.facebook.com \*.fbcdn.net 'unsafe-eval';script-src \*.facebook.com \*.fbcdn.net \*.facebook.net 127.0.0.1:\* 'unsafe-inline' blob: data: 'self' connect.facebook.net 'unsafe-eval' https://\*.google-analytics.com \*.google.com;style-src \*.fbcdn.net data: \*.facebook.com 'unsafe-inline' https://fonts.googleapis.com;connect-src \*.facebook.com facebook.com \*.fbcdn.net \*.facebook.net wss://\*.facebook.com:\* wss://\*.whatsapp.com:\* wss://\*.fbcdn.net attachment.fbsbx.com ws://localhost:\* blob: \*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/ v.whatsapp.net \*.fbsbx.com \*.fb.com https://\*.google-analytics.com https://api.mapbox.com https://\*.tiles.mapbox.com https://events.mapbox.com https://meta.privacy-gateway.cloudflare.com/relay https://meta-ohttp-relay-prod.fastly-edge.com;font-src data: \*.facebook.com \*.fbcdn.net \*.fbsbx.com https://fonts.gstatic.com;img-src \*.fbcdn.net \*.facebook.com data: https://\*.fbsbx.com facebook.com \*.cdninstagram.com fbsbx.com fbcdn.net connect.facebook.net \*.carriersignal.info blob: android-webview-video-poster: \*.whatsapp.net \*.fb.com \*.oculuscdn.com \*.tenor.co \*.tenor.com \*.giphy.com https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://\*.google-analytics.com;media-src \*.cdninstagram.com blob: \*.fbcdn.net \*.fbsbx.com www.facebook.com \*.facebook.com data: \*.tenor.co \*.tenor.com https://\*.giphy.com;frame-src \*.facebook.com \*.fbsbx.com fbsbx.com data: www.instagram.com \*.fbcdn.net https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclgram.com \*.fbcdn.net https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net \*.google.com \*.doubleclick.net;worker-src blob: \*.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;

document-policy: force-load-at-top

permissions-policy: accelerometer=(), attribution-reporting=(self), autoplay=(), bluetooth=(), browsing-topics=(self), camera=(self), ch-device-memory=(), ch-downlink=(), ch-dpr=(), ch-ect=(), ch-rtt=(), ch-save-data=(), ch-ua-arch=(), ch-ua-bitness=(), ch-viewport-height=(), ch-viewport-width=(), ch-width=(), clipboard-read=(self), clipboard-write=(self), compute-pressure=(), display-capture=(self), encrypted-media=(self), fullscreen=(self), gamepad=\*, geolocation=(self), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(self), keyboard-map=(), local-fonts=(), magnetometer=(), microphone=(self), midi=(), otp-credentials=(), payment=(), picture-in-picture=(self), private-state-token-issuance=(), publickey-credentials-get=(self), screen-wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(self), window-management=(), xr-spatial-tracking=(self);report-to="permissions\_policy"

cross-origin-resource-policy: same-origin

cross-origin-opener-policy: same-origin-allow-popups

pragma: no-cache

cache-control: private, no-cache, no-store, must-revalidate

expires: Sat, 01 Jan 2000 00:00:00 GMT

x-content-type-options: nosniff

x-xss-protection: 0

x-frame-options: DENY

strict-transport-security: max-age=15552000; preload

content-type: text/html; charset="utf-8"

x-fb-debug: dYuwlFXqzU3l9ddiipiRrmeXrYw2EpLStVonIZZfXFXOToHV+6bq3rG1Ee3uxeHEp3gx/JtCR5iYFOscQhYp7g==

date: Tue, 15 Oct 2024 21:02:58 GMT

x-fb-connection-quality: EXCELLENT; q=0.9, rtt=16, rtx=0, c=10, mss=1380, tbw=3322, tp=-1, tpl=-1, uplat=45, ullat=0

alt-svc: h3=":443"; ma=86400

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# nano ls4.py

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# python3 ls4.py

https://www.facebook.com/login/device-based/regular/login/?login\_attempt=1&next=https%3A%2F%2Fwww.facebook.com%2Fnandar.singh.507%2F

https://www.facebook.com/recover/initiate?ars=royal\_blue\_bar

https://www.facebook.com/photo/?fbid=723374278831194&set=a.102575790911049&\_\_tn\_\_=%3C

https://www.facebook.com/nandar.singh.507

https://www.facebook.com/login/

https://www.facebook.com/login/

https://www.facebook.com/photo/?fbid=710801496755139&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=710801290088493&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=694946935007262&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=102575764244385&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=723373828831239&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=717597159408906&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=717596072742348&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=717595219409100&set=ecnf.100034758844409

https://www.facebook.com/photo/?fbid=710802160088406&set=ecnf.100034758844409

https://www.facebook.com/people/Nandar-Singh/pfbid0XDcMUxkKD5j6F5fxbobCtRiFYc7NarZDGVjbibL1B4tGfDDqrdnWcdyhoaQUcqYul/

https://www.facebook.com/people/Nandar-Singh-Singh/pfbid0eUweLrWprdW7v3NDZnX75ke1rZ3j7WGdgD8bQ9arwTgNGVtSJJHXWuscf2NarDEFl/

https://www.facebook.com/people/Nandarsingh-Kakodiya/pfbid02qKZBjRWWxoBXLnQ43TN77iRN9Rfznb1ko5ytJwD9fwXE63cer1kWTF9aZgTpXyMVl/

https://www.facebook.com/nandar.singh.399

https://www.facebook.com/people/Nandar-Singh-Singh/pfbid02RmLWr3mw4HNy2Upkk5UNi3L6oWqxnLLF4HcoU2fBDFna4U3h5wrFeFyBKU6YVkivl/

https://www.facebook.com/public/Nandar-Singh

https://www.facebook.com/people/Anvi-Singh/pfbid02oztb19gjF8dxtippLRTZR466mXM8H9hsk4xLPADwGrRVsaLrjYXYXtzpPXvocbZpl/

https://www.facebook.com/people/Singh-Pooja/pfbid0nBioPy8ppQAXPtcGXsWtdKu9U6mtSfEavrNk4pdNae49QicJrF5mz6eBWxMwzA3Rl/

https://www.facebook.com/privacy/policy/?entry\_point=comet\_dropdown

https://www.facebook.com/policies?ref=pf

https://www.facebook.com/business/

https://www.facebook.com/help/568137493302217

https://www.facebook.com/policies/cookies/

https://www.facebook.com/recover/initiate?ars=royal\_blue\_bar

https://www.facebook.com/help/1561485474074139

https://www.facebook.com/policies/cookies/

https://www.facebook.com/privacy/policies/cookies/?annotations[0]=explanation%2F3\_companies\_list

┌──(root㉿localhost)-[~/remedy/Scraped]

└─#

Same again on a second page.

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# curl -I -L https://www.facebook.com/profile.php?id=100064758844407

HTTP/2 301

location: https://www.facebook.com/people/Mude-seu-Mundo/100064758844407/

reporting-endpoints: coop\_report="https://www.facebook.com/browser\_reporting/coop/?minimize=0"

report-to: {"max\_age":2592000,"endpoints":[{"url":"https:\/\/www.facebook.com\/browser\_reporting\/coop\/?minimize=0"}],"group":"coop\_report","include\_subdomains":true}

cross-origin-opener-policy: same-origin-allow-popups

strict-transport-security: max-age=15552000; preload

content-type: text/html; charset="utf-8"

x-fb-debug: q7Qg0WIGffo9r3f4/noC9Qy1NsAKC6Otw30l8ni87hp/jx6o2M1Of8t0979XnY8pw8FQu5YI26gkreY4p+mgpg==

content-length: 0

date: Tue, 15 Oct 2024 21:15:28 GMT

x-fb-connection-quality: EXCELLENT; q=0.9, rtt=10, rtx=0, c=10, mss=1380, tbw=2689, tp=-1, tpl=-1, uplat=77, ullat=0

alt-svc: h3=":443"; ma=86400

HTTP/2 200

vary: Accept-Encoding

accept-ch-lifetime: 4838400

accept-ch: viewport-width,dpr,Sec-CH-Prefers-Color-Scheme,Sec-CH-UA-Full-Version-List,Sec-CH-UA-Platform-Version,Sec-CH-UA-Model

link: <https://www.facebook.com/people/Mude-seu-Mundo/100064758844407/>; rel="canonical"

reporting-endpoints: coop\_report="https://www.facebook.com/browser\_reporting/coop/?minimize=0", default="https://www.facebook.com/ajax/comet\_error\_reports/?device\_level=unknown&brsid=7426114111174409774", permissions\_policy="https://www.facebook.com/ajax/browser\_error\_reports/"

report-to: {"max\_age":2592000,"endpoints":[{"url":"https:\/\/www.facebook.com\/browser\_reporting\/coop\/?minimize=0"}],"group":"coop\_report","include\_subdomains":true}, {"max\_age":259200,"endpoints":[{"url":"https:\/\/www.facebook.com\/ajax\/comet\_error\_reports\/?device\_level=unknown&brsid=7426114111174409774"}]}, {"max\_age":21600,"endpoints":[{"url":"https:\/\/www.facebook.com\/ajax\/browser\_error\_reports\/"}],"group":"permissions\_policy"}

content-security-policy-report-only: default-src data: blob: 'self' https://\*.fbsbx.com 'unsafe-inline' \*.facebook.com \*.fbcdn.net 'unsafe-eval';script-src \*.facebook.com \*.fbcdn.net \*.facebook.net 127.0.0.1:\* 'unsafe-inline' blob: data: 'self' connect.facebook.net 'unsafe-eval' https://\*.google-analytics.com \*.google.com;style-src \*.fbcdn.net data: \*.facebook.com 'unsafe-inline' https://fonts.googleapis.com;connect-src \*.facebook.com facebook.com \*.fbcdn.net \*.facebook.net wss://\*.facebook.com:\* wss://\*.whatsapp.com:\* wss://\*.fbcdn.net attachment.fbsbx.com ws://localhost:\* blob: \*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/ v.whatsapp.net \*.fbsbx.com \*.fb.com https://\*.google-analytics.com https://api.mapbox.com https://\*.tiles.mapbox.com https://events.mapbox.com https://meta.privacy-gateway.cloudflare.com/relay https://meta-ohttp-relay-prod.fastly-edge.com;font-src data: \*.facebook.com \*.fbcdn.net \*.fbsbx.com https://fonts.gstatic.com;img-src \*.fbcdn.net \*.facebook.com data: https://\*.fbsbx.com facebook.com \*.cdninstagram.com fbsbx.com fbcdn.net connect.facebook.net \*.carriersignal.info blob: android-webview-video-poster: \*.whatsapp.net \*.fb.com \*.oculuscdn.com \*.tenor.co \*.tenor.com \*.giphy.com https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://\*.google-analytics.com;media-src \*.cdninstagram.com blob: \*.fbcdn.net \*.fbsbx.com www.facebook.com \*.facebook.com data: \*.tenor.co \*.tenor.com https://\*.giphy.com;frame-src \*.facebook.com \*.fbsbx.com fbsbx.com data: www.instagram.com \*.fbcdn.net https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net \*.google.com \*.doubleclick.net;worker-src \*.facebook.com/static\_resources/webworker\_v1/init\_script/ \*.facebook.com/static\_resources/webworker/init\_script/ \*.facebook.com/static\_resources/sharedworker/init\_script/ \*.facebook.com/static\_resources/webworker/map\_libre/ \*.facebook.com/static\_resources/webworker/map\_libre\_rtl/ \*.facebook.com/sw/ \*.facebook.com/sw;block-all-mixed-content;report-uri https://www.facebook.com/csp/reporting/?minimize=0;

content-security-policy: default-src data: blob: 'self' https://\*.fbsbx.com 'unsafe-inline' \*.facebook.com \*.fbcdn.net 'unsafe-eval';script-src \*.facebook.com \*.fbcdn.net \*.facebook.net 127.0.0.1:\* 'unsafe-inline' blob: data: 'self' connect.facebook.net 'unsafe-eval' https://\*.google-analytics.com \*.google.com;style-src \*.fbcdn.net data: \*.facebook.com 'unsafe-inline' https://fonts.googleapis.com;connect-src \*.facebook.com facebook.com \*.fbcdn.net \*.facebook.net wss://\*.facebook.com:\* wss://\*.whatsapp.com:\* wss://\*.fbcdn.net attachment.fbsbx.com ws://localhost:\* blob: \*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/ v.whatsapp.net \*.fbsbx.com \*.fb.com https://\*.google-analytics.com https://api.mapbox.com https://\*.tiles.mapbox.com https://events.mapbox.com https://meta.privacy-gateway.cloudflare.com/relay https://meta-ohttp-relay-prod.fastly-edge.com;font-src data: \*.facebook.com \*.fbcdn.net \*.fbsbx.com https://fonts.gstatic.com;img-src \*.fbcdn.net \*.facebook.com data: https://\*.fbsbx.com facebook.com \*.cdninstagram.com fbsbx.com fbcdn.net connect.facebook.net \*.carriersignal.info blob: android-webview-video-poster: \*.whatsapp.net \*.fb.com \*.oculuscdn.com \*.tenor.co \*.tenor.com \*.giphy.com https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://\*.google-analytics.com;media-src \*.cdninstagram.com blob: \*.fbcdn.net \*.fbsbx.com www.facebook.com \*.facebook.com data: \*.tenor.co \*.tenor.com https://\*.giphy.com;frame-src \*.facebook.com \*.fbsbx.com fbsbx.com data: www.instagram.com \*.fbcdn.net https://paywithmybank.com/ https://\*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net \*.google.com \*.doubleclick.net;worker-src blob: \*.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;

document-policy: force-load-at-top

permissions-policy: accelerometer=(), attribution-reporting=(self), autoplay=(), bluetooth=(), browsing-topics=(self), camera=(self), ch-device-memory=(), ch-downlink=(), ch-dpr=(), ch-ect=(), ch-rtt=(), ch-save-data=(), ch-ua-arch=(), ch-ua-bitness=(), ch-viewport-height=(), ch-viewport-width=(), ch-width=(), clipboard-read=(self), clipboard-write=(self), compute-pressure=(), display-capture=(self), encrypted-media=(self), fullscreen=(self), gamepad=\*, geolocation=(self), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(self), keyboard-map=(), local-fonts=(), magnetometer=(), microphone=(self), midi=(), otp-credentials=(), payment=(), picture-in-picture=(self), private-state-token-issuance=(), publickey-credentials-get=(self), screen-wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(self), window-management=(), xr-spatial-tracking=(self);report-to="permissions\_policy"

cross-origin-resource-policy: same-origin

cross-origin-opener-policy: same-origin-allow-popups

pragma: no-cache

cache-control: private, no-cache, no-store, must-revalidate

expires: Sat, 01 Jan 2000 00:00:00 GMT

x-content-type-options: nosniff

x-xss-protection: 0

x-frame-options: DENY

strict-transport-security: max-age=15552000; preload

content-type: text/html; charset="utf-8"

x-fb-debug: QObLXoEgsHEENtzHzTeXZSw+cWxHfqQ9KWYa4s3nip2cs0sSbQc2F7SaNFcu/YuF9nV9jGGMo7pTFEwhru56bQ==

date: Tue, 15 Oct 2024 21:15:28 GMT

x-fb-connection-quality: EXCELLENT; q=0.9, rtt=18, rtx=0, c=10, mss=1380, tbw=3335, tp=-1, tpl=-1, uplat=109, ullat=0

alt-svc: h3=":443"; ma=86400

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# nano ls4.py

┌──(root㉿localhost)-[~/remedy/Scraped]

└─# python3 ls4.py

https://www.facebook.com/login/device-based/regular/login/?login\_attempt=1&next=https%3A%2F%2Fwww.facebook.com%2Fpeople%2FMude-seu-Mundo%2F100064758844407%2F

https://www.facebook.com/recover/initiate?ars=royal\_blue\_bar

https://www.facebook.com/photo/?fbid=347027707465855&set=a.347027660799193

https://www.facebook.com/photo/?fbid=347027704132522&set=a.347027667465859&\_\_tn\_\_=%3C

https://www.facebook.com/profile.php?id=100064758844407&sk=followers

https://www.facebook.com/profile.php?id=100064758844407&sk=following

https://www.facebook.com/profile.php?id=100064758844407

https://www.facebook.com/profile.php?id=100064758844407&sk=about

https://www.facebook.com/profile.php?id=100064758844407&sk=photos

https://www.facebook.com/profile.php?id=100064758844407&sk=videos

https://www.facebook.com/people/Mude-seu-Mundo/100064758844407/

https://www.facebook.com/profile.php?id=100064758844407&sk=photos

https://www.facebook.com/profile.php?id=100064758844407&sk=photos

https://www.facebook.com/photo/?fbid=2951297074921878&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296981588554&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296918255227&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296868255232&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296801588572&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296734921912&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296674921918&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296618255257&set=ecnf.100064758844407

https://www.facebook.com/photo/?fbid=2951296564921929&set=ecnf.100064758844407

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https://www.facebook.com/policies/cookies/

https://www.facebook.com/privacy/policies/cookies/?annotations[0]=explanation%2F3\_companies\_list

┌──(root㉿localhost)-[~/remedy/Scraped]

└─#