

Task 1

1. Went to website, blank page with minor clickable buttons / login forms
2. Opened all Websites
3. Clicked view details on the camera product in the camera website
4. The Camera which I've recently clicked view detail is there
5. The item persist even after closing the browser and reopening it

Task 2

1. Opened the Camera Store
2. Performed Action and Here's the image

Sta...	Method	File	Domain	Cause	Type	Transferred	Size	0 ms	160 ms	320 ms	480 ms
200	POST	productDetail.php	www.wtcamerastore.com	document	html	6.61 KB	6.35 KB	1 → 2 ms			
404	GET	logo.png	www.wtcamerastore.com	img	html	459 B	213 B	1 → 1 ms			
200	GET	style.css	www.wtcamerastore.com	stylesheet	css	cached	26.33 KB				
200	GET	jquery-1.3.2.min.js	www.wtcamerastore.com	script	js	cached	55.91 KB				
200	GET	jqzoom.pack.1.0.1.js	www.wtcamerastore.com	script	js	cached	8.74 KB				
200	GET	jqzoom.css	www.wtcamerastore.com	stylesheet	css	cached	1.05 KB				
200	GET	track.php?guid=5890502497057826	www.wtlabserver.com	img	html	260 B	1 B	11 ms			
200	GET	css?family=Londrina+Solid Coda+Ca...	fonts.googleapis.com	stylesheet	css	cached	7.05 KB				
404	GET	logo.png	www.wtcamerastore.com	img	html	459 B	213 B				→ 0 ms
404	GET	zoomloader.gif	www.wtcamerastore.com	img	html	465 B	219 B				→ 0 ms
200	GET	track.php?guid=5890502497057826	www.wtlabserver.com	img	html	259 B	1 B				1 → 6 ms

11 requests 106.07 KB / 8.47 KB transferred Finish: 419 ms DOMContentLoaded: 237 ms load: 485 ms

3. This is the request that have changes toward a cookie

Sta...	Method	File	Do	Cause	Type	Transferred	Size	0 ms	160 ms	320 ms	480 ms
200	POST	produ...	w...	document	html	6.61 KB	6.35 KB	1 → 2 ms			
404	GET	logo...	w...	img	html	459 B	213 B	1 → 1 ms			
200	GET	style...	w...	stylesheet	css	cached	26.33 KB				
200	GET	jqquer...	w...	script	js	cached	55.91 KB				
200	GET	jqzoo...	w...	script	js	cached	8.74 KB				
200	GET	jqzoo...	w...	stylesheet	css	cached	1.05 KB				
200	GET	track...	w...	img	html	260 B	1 B	11 ms			
200	GET	css?tf...	fo...	stylesheet	css	cached	7.05 KB				
404	GET	logo...	w...	img	html	459 B	213 B				
404	GET	zoom...	w...	img	html	465 B	219 B				
200	GET	track...	w...	img	html	259 B	1 B				

11 requests 106.07 KB / 8.47 KB transferred Finish: 419 ms DOMContentLoaded: 237 ms load:

sessionID: 648f... 0848877878b4c62df
track: 3115168688310958

4. This is the line of code that is responsible of sending the info with the tracking cookie, it is attached as the src of an image

```
<div class="clear">
  
</div>
```

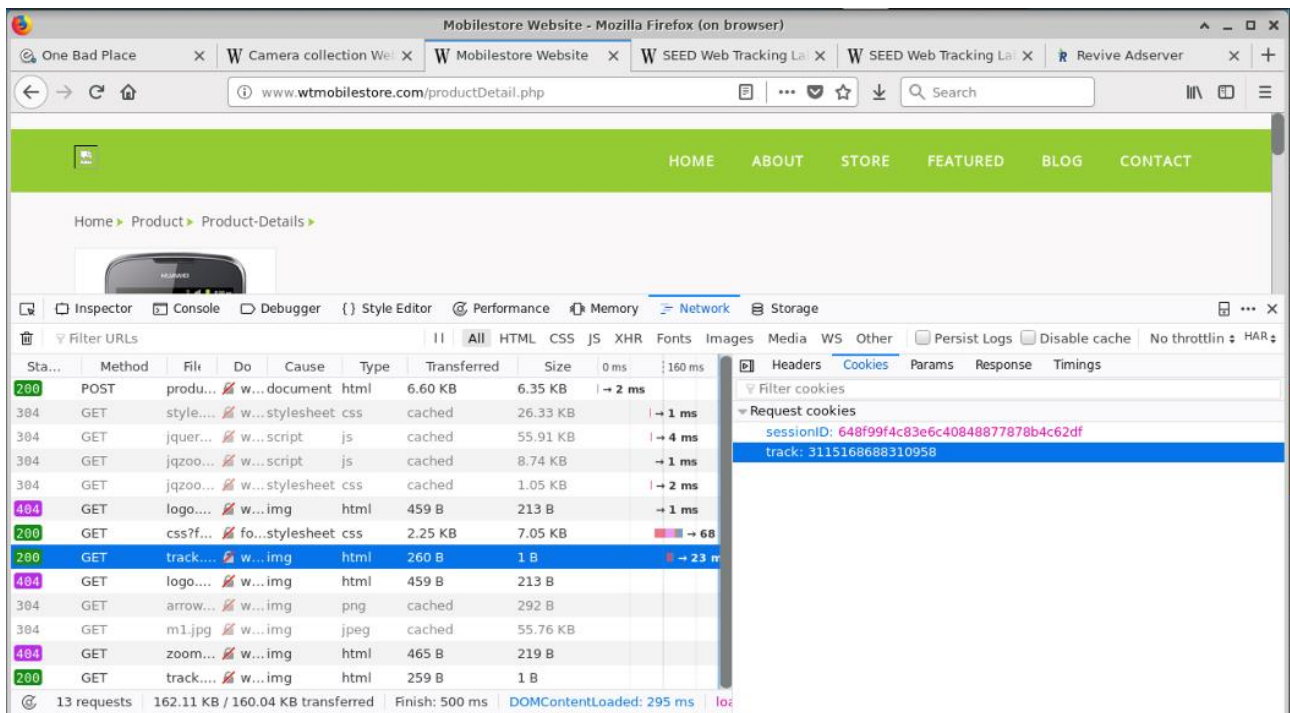
1. Opened Mobile Store and clicked on the first phone
2. Opened the Ad server web page
3. I noticed that these values are not stored in the E Commerce websites but rather the Ad server which contains the cookies that I've saw earlier (which is from the request of the image src when it loads)

The 3rd party cookie used for tracking in the storage Inspector is "track" name. It contains a value that is being sent over by the images that contains the src which send a request to this website. It is call a 3rd party cookie since it is not loaded on top of the embedding site but through the image which contains a URL toward the Ads server which is a "3rd" party tracking what page we visited. We can see that the value of the cookie is being stored to the ads server and not the camera page it is on.

Server:

Name	Domain	Path	Expires on	Last accessed on	Value	Data
sessionID	www.wtlab...	/	Session	Fri, 18 Oct 2024 03:...	648f99f4c8	
track	www.wtlab...	/	Mon, 28 Oct 2024 0...	Fri, 18 Oct 2024 03:...	311516868	track: "311516868310958" CreationTime: "Fri, 18 Oct ...2:44:30 GMT" Domain: "www.wtlabadservers.com" Expires: "Mon, 28 Oct 20... 02:44:30 GMT" HostOnly: true HttpOnly: false LastAccessed: "Fri, 18 Oct ...3:18:29 GMT" Path: "/" Secure: false sameSite: "Unset"

E Commerce website:



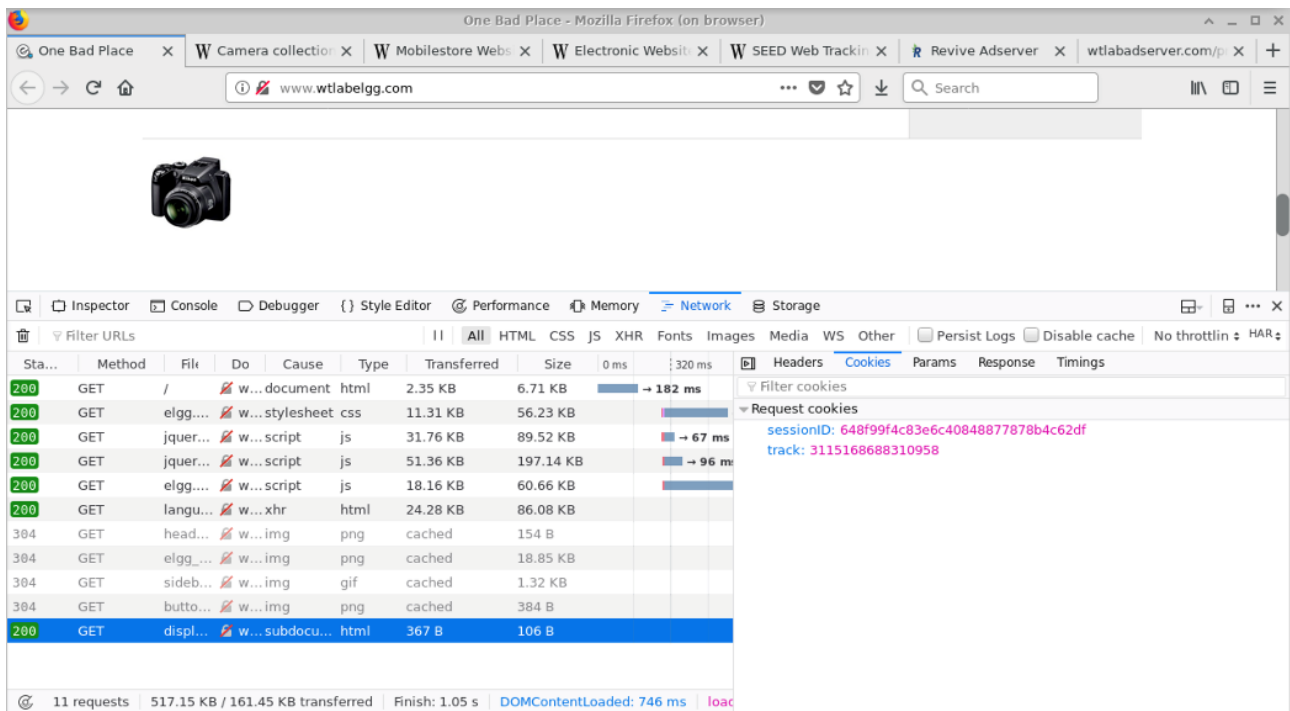
Task 3:

1. Opened all 3
2. Clicked on something else on the TV Store
3. The Product Guid probably the identification of that product, Product is the product name, Category is what type of product is that, Impression count is how many time we visited those product website and the UserTrackID is the same cookie value we've seen from previous request which is identifying the current user (me) and which product I've clicked on.

Product Guid	Product	Category	Impression Count	UserTrackID
5890502497057826	Nikon 1011	Camera	2	3115168688310958
5173435362122807	LG	Electronic LCD	1	3115168688310958
8326918373014243	HUAWEI	Mobiles	2	3115168688310958

Task 4:

1. Opened
2. There's a request toward the ads server and we see the camera being displayed there. The Elgg website send a GET request toward the ads server which since the Ads server contains the cookie / UserTrackID of the current user. The ads server selected the most impressed items out of those selections for this current user and display it here on this website as an image.



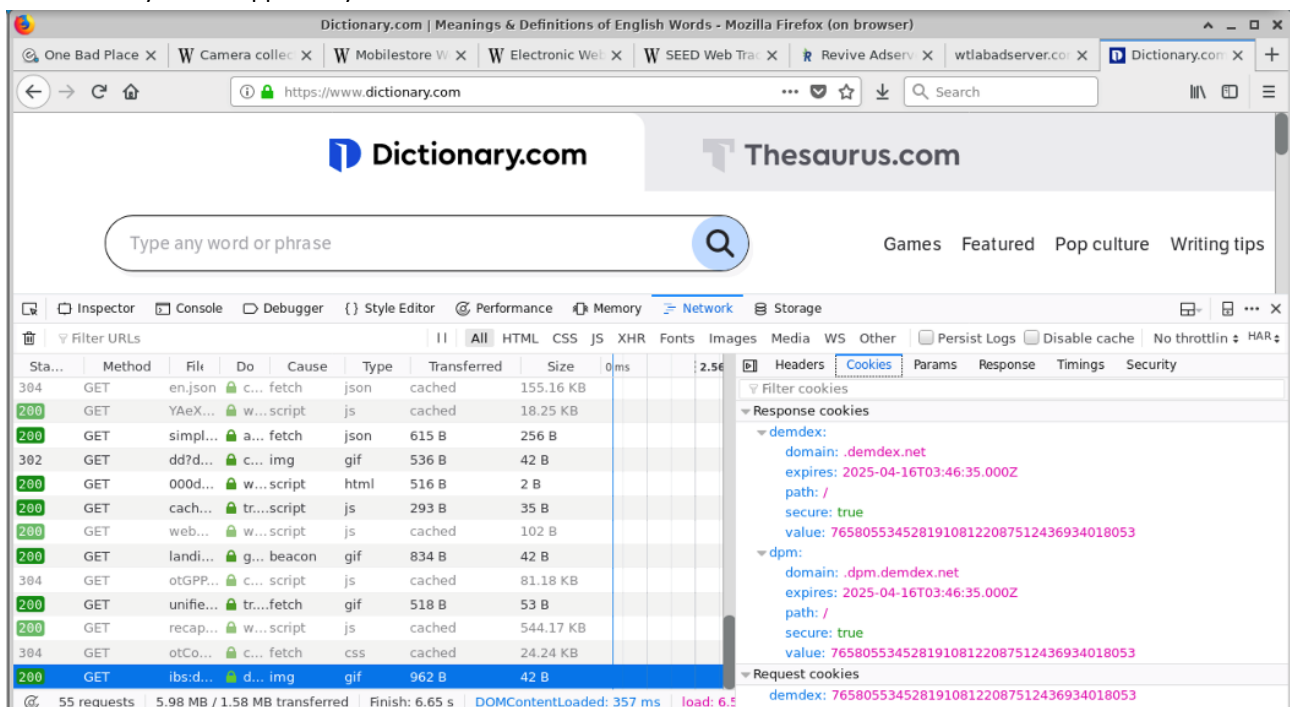
Task 5:

1. Opened
2. Elgg website ads section contains nothing
3. Opened
4. Clicked on the view detail for one of the shoe on the shoe website
5. The Shoe now shows up in the Elgg website ads section
6. The Ads disappeared

The reason why the ads did not stay is that the cookie did not survive once the user close down the browser since in a private session, your cookie / session will be destroyed and not retain until its normal expiration time. In which the information of the tracker is refresh when you opened a new private window with a different cookie value.

Task 6:

1. dictionary.reference.com, we can see that it sends a request toward demdex.net which upon looking up is an ads service ran by Adobe apparently.



The screenshot shows the Amazon homepage in a Mozilla Firefox browser. The Firefox Developer Tools are open, with the Network tab selected. The page displays the 'VIKINGS' banner with a 'THURSDAY' label. The Network tab shows a list of 34 requests, with the 302nd request (GET /usersync...) selected. The details pane on the right shows the request URL, method (GET), status code (302), and various headers including Accept, Accept-Encoding, Accept-Language, Connection, Cookie, Host, and User-Agent.

Sta...	Method	File	Do	Cause	Type	Transferred	Size	0 ms	20.48 s
200	GET	81jYz...	m...	img	jpeg	13.87 KB	13.06 KB	→ 23 ms	
200	GET	ATVP...	f...	img	gif	220 B	43 B	→ 69 ms	
200	GET	ATVP...	f...	img	gif	220 B	43 B	→ 70 ms	
200	GET	a9-tq...	c...	script	js	cached	0 B		
200	GET	ATVP...	f...	img	gif	220 B	43 B	→ 72 ms	
200	GET	ATVP...	f...	img	gif	220 B	43 B	→ 70 ms	
200	GET	iu37d...	s...	subdocu...	html	1.17 KB	377 B	→ 87 ms	
200	GET	pr?ex...	s...	subdocu...	html	1.27 KB	847 B	→ 76 ms	
200	GET	pixel...	u...	img	gif	357 B	0 B	→ 71 ms	
500	GET	3684...	ta...	img	html	314 B	27 B	→ 6 ms	
302	GET	users...	u...	img	gif	199 B	43 B	→ 85 ms	
	GET	sync7...	a...	img		0 GB	0 B	→ 11 ms	
200	GET	ecm3...	s...	img	gif	479 B	43 B	→ 77 ms	

Summary: 34 requests, 843.47 KB / 0 GB transferred, Finish: 1.35 min, DOMContentLoaded: 915 ms, load: 77 ms

Details for the 302nd request (GET /usersync...):

- Request URL: https://usersync.gumgum.com/usersync?b=amz61=zNg3VC1qT6qqd4a...
- Request method: GET
- Remote address: 52.38.203.118:443
- Status code: 302 (Edit and Resend, Raw headers)
- Version: HTTP/1.1
- Filter headers
- Content-length: 0
- Date: Tue, 22 Oct 2024 13:04:19 GMT
- Location: https://s.amazon-adsystem.com/ecm3?ex=gumgumHMT
- Request headers (425 B):
 - Accept: */*
 - Accept-Encoding: gzip, deflate, br
 - Accept-Language: en-US,en;q=0.5
 - Connection: keep-alive
 - Cookie: vst=u_84074a4a-dd34-47b6-a5d4-12cbc6f4077c
 - Host: usersync.gumgum.com
 - User-Agent: Mozilla/5.0 (X11; Ubuntu; Linu...) Gecko/20100101 Firefox/61.0

Job Search, Career Advice, >

Grat >

Schedule >

SOLAR >

Story Bio >

SRHagget >

Calendars >

Library >

Google >

Learning >

Courses >

Portals >

Game Stuff >

Courses >

Self Health >

Book Store >

Archived >

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Recommended Jobs >

Post a Job >

Login >

Sign Up >

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AT&T >

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OP&C >

MyStar >

MyStar >

MyStar >

What's new >

Home >

Highlights from the Chrome 120 update

Recommendations for the new Bix metrics in Performance

The new Bix metrics in the Performance panel now provide performance recommendations to help you better understand your system's experience.

Network filters reimagined

Source >

Network >

Performance >

Memory >

Application >

Security >

Lighthouse >

Recorder >

3 2 1 0.5 0 >

100 ms >

2000 ms >

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1. Disabled
2. Opened
3. Clicked
4. Below is the picture

Shoestore Website - Mozilla Firefox (on browser)

www.wtshoestore.com/productDetail.php

HOME ABOUT STORE FEATURED BLOG CONTACT

Home > Product > Product-Details >

Network

Sta...	Method	File	Do	Cause	Type	Transferred	Size	0 ms
200	POST	produ...	w...	document	html	6.60 KB	6.35 KB	→ 1 ms
304	GET	style...	w...	stylesheet	css	cached	26.33 KB	→ 0 ms
304	GET	jquery...	w...	script	js	cached	55.91 KB	→ 4 ms
304	GET	jqzoo...	w...	script	js	cached	8.74 KB	→ 1 ms
304	GET	jqzoo...	w...	stylesheet	css	cached	1.05 KB	→ 2 ms
404	GET	logo...	w...	img	html	459 B	213 B	→ 1 ms
200	GET	track...	w...	img	html	335 B	1 B	→ 11 ms
200	GET	css?f...	fo...	stylesheet	css	2.35 KB	7.06 KB	→ 1 ms
404	GET	logo...	w...	img	html	459 B	213 B	→ 1 ms
304	GET	arrow...	w...	img	png	cached	292 B	→ 1 ms
304	GET	s1.jpg	w...	img	jpeg	cached	19.42 KB	→ 1 ms
404	GET	zoom...	w...	img	html	465 B	219 B	→ 1 ms
200	GET	track...	w...	img	html	334 B	1 B	→ 1 ms

13 requests 125.78 KB / 123.92 KB transferred Finish: 595 ms DOMContentLoaded: 369 ms

Headers Cookies Params Response Timings

Filter cookies

Response cookies

track:

expires: 2024-10-28T03:53:16.000Z

value: 6680159747458507

5. We can see that the 3rd party cookie is not present in the request and the content length is 0. Meaning the 3rd party cookie is blocked. Nothing is able to be transmitted. Hence nothing is rendered on the ads section.

One Bad Place - Mozilla Firefox (on browser)

www.wtlabelgg.com

Log in Remember me

Register | Lost password

Network

Sta...	Method	File	Do	Cause	Type	Transferred	Size	0 ms
200	GET	/	w...	document	html	2.39 KB	6.71 KB	→ 169 ms
200	GET	elgg...	w...	stylesheet	css	11.36 KB	56.23 KB	→ 69 ms
200	GET	jquery...	w...	script	js	31.76 KB	89.52 KB	→ 93 ms
200	GET	jquery...	w...	script	js	51.36 KB	197.14 KB	→ 93 ms
200	GET	elgg...	w...	script	js	18.21 KB	60.66 KB	→ 2 ms
200	GET	langu...	w...	xhr	html	24.28 KB	86.08 KB	→ 2 ms
304	GET	head...	w...	img	png	cached	154 B	→ 1 ms
304	GET	elgg...	w...	img	png	cached	18.85 KB	→ 1 ms
304	GET	sideb...	w...	img	gif	cached	1.32 KB	→ 1 ms
304	GET	butto...	w...	img	png	cached	384 B	→ 1 ms
200	GET	displ...	w...	subdocu...	html	259 B	0 B	→ 1 ms

11 requests 517.05 KB / 161.50 KB transferred Finish: 1.03 s DOMContentLoaded: 736 ms

Headers Cookies Params Response Timings

No cookies for this request