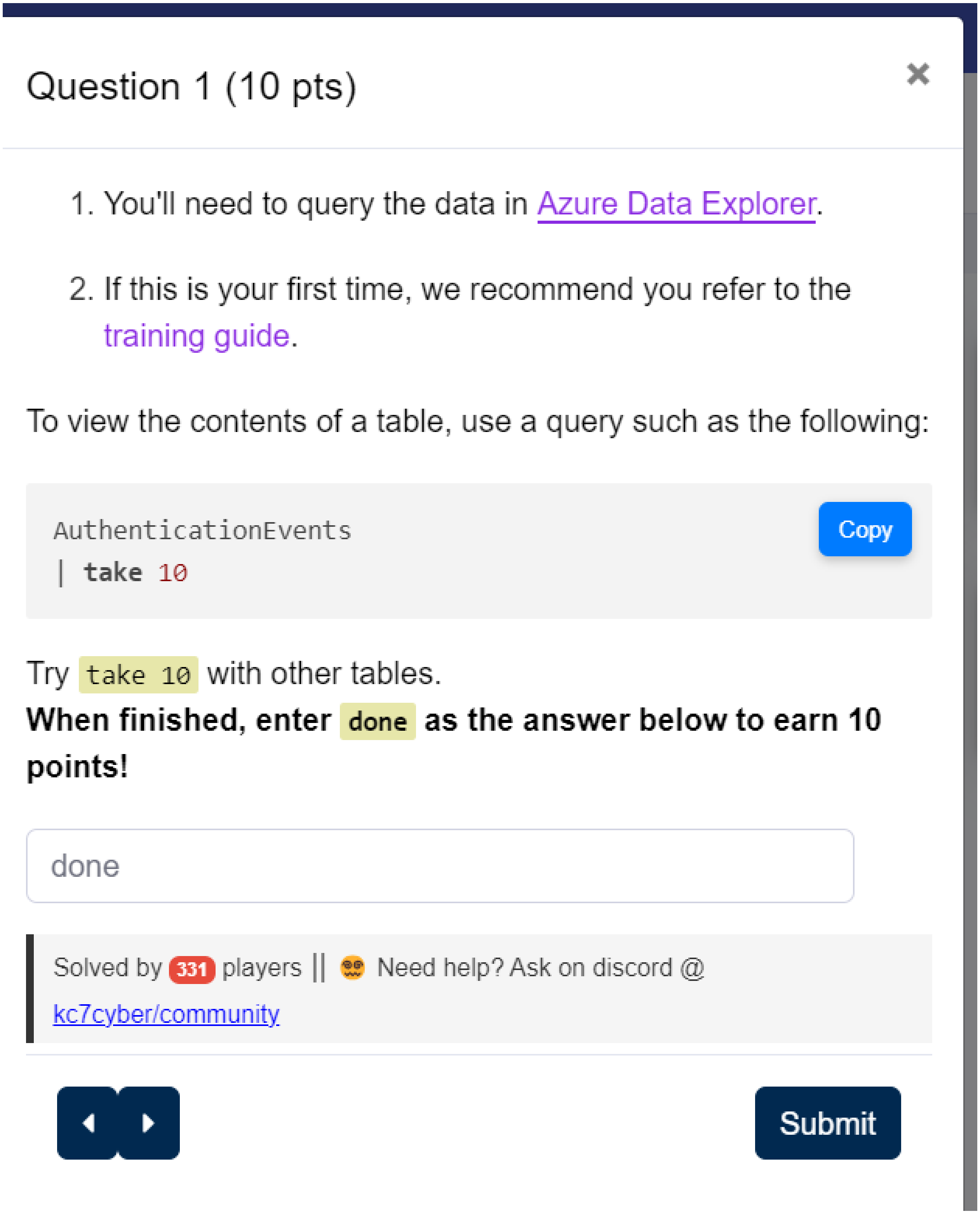


Question 1 (10 pts)

1. You'll need to query the data in Azure Data Explorer.
2. If this is your first time, we recommend you refer to the training guide.

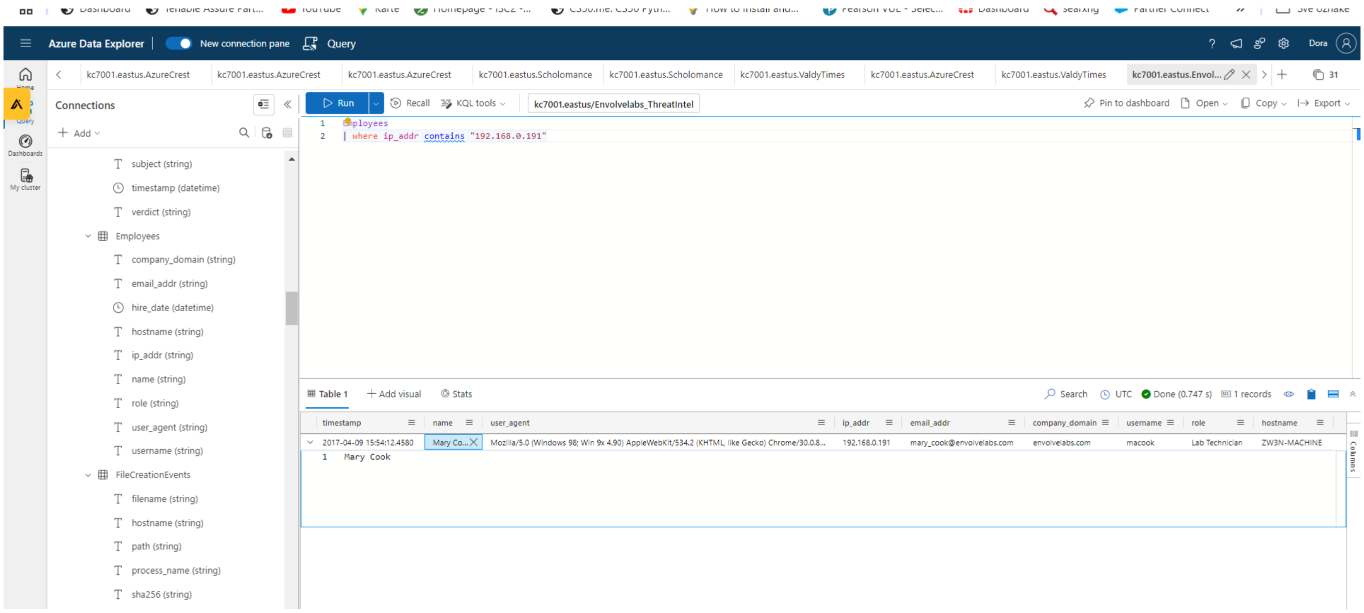
To view the contents of a table, use a query such as the following:

```
AuthenticationEvents
| take 10
```

Try `take 10` with other tables.
When finished, enter `done` as the answer below to earn 10 points!

done

Solved by 331 players || Need help? Ask on discord @ kc7cyber/community

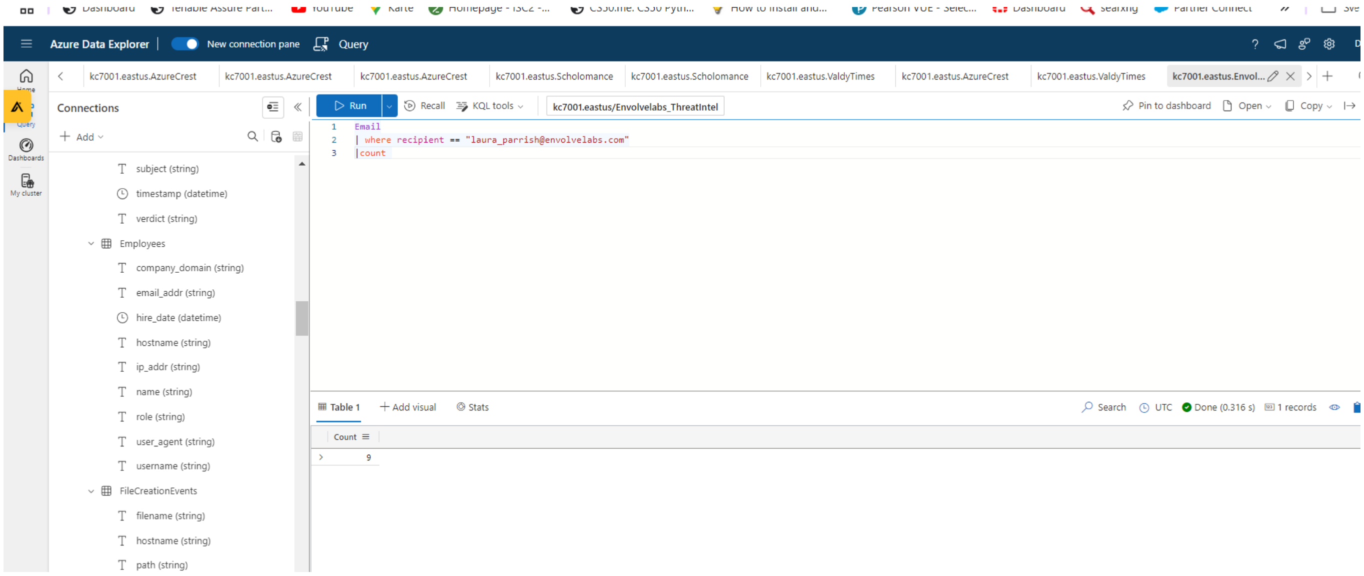


```
Employees
| where ip_addr contains "192.168.0.191"
```

Done (0.747 s) 1 records

timestamp	name	user_agent	ip_addr	email_addr	company_domain	username	role	hostname
2017-04-09 15:54:12.4580	Mary Co...	Mozilla/5.0 (Windows 98; Win 9x 4.90) AppleWebKit/534.2 (KHTML, like Gecko) Chrome/30.0.8...	192.168.0.191	mary_cook@envolvelabs.com	envolvelabs.com	macook	Lab Technician	ZW3N-MACHINE

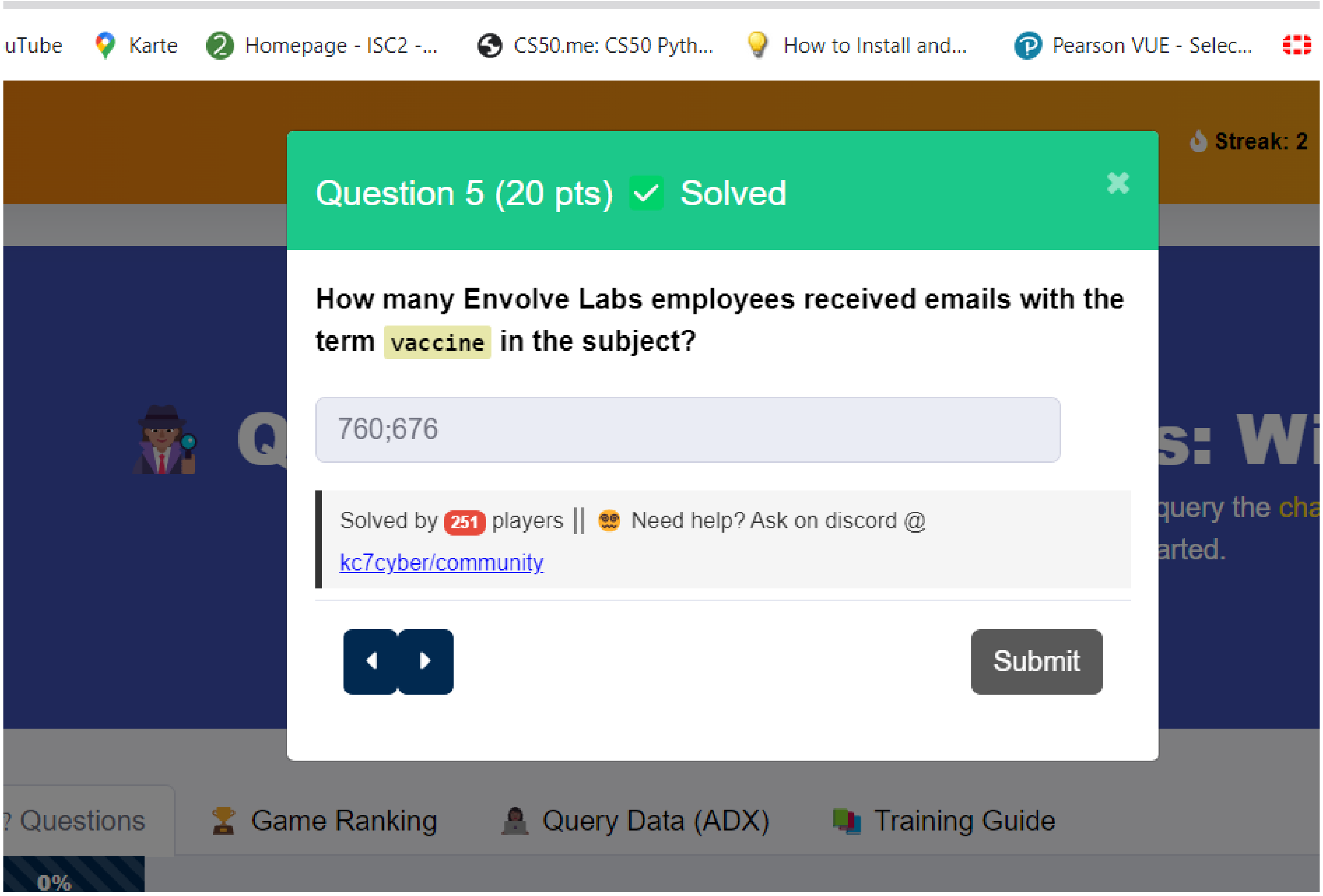
```
1   Mary Cook
```



```
Email
| where recipient == "laura_parrish@envolvelabs.com"
|count
```

Done (0.316 s) 1 records

Count
9

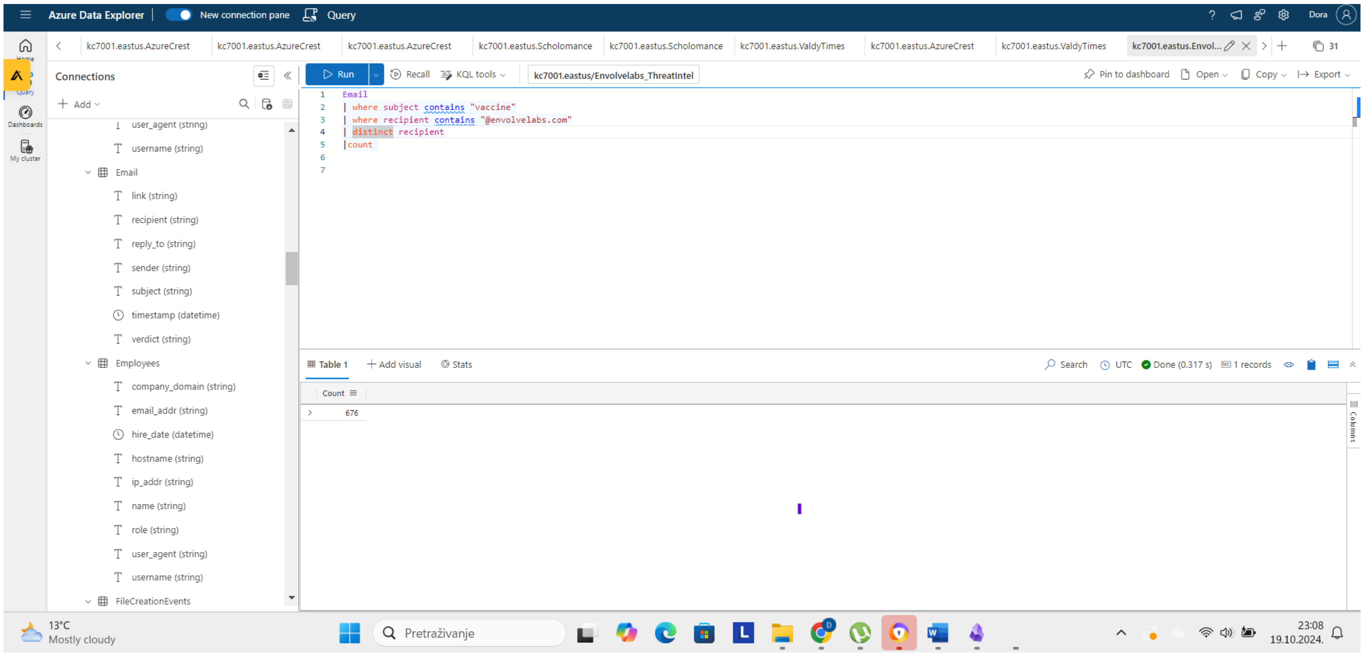


Question 5 (20 pts) ✓ Solved

How many Envolve Labs employees received emails with the term `vaccine` in the subject?

760;676

Solved by 251 players || Need help? Ask on discord @ kc7cyber/community

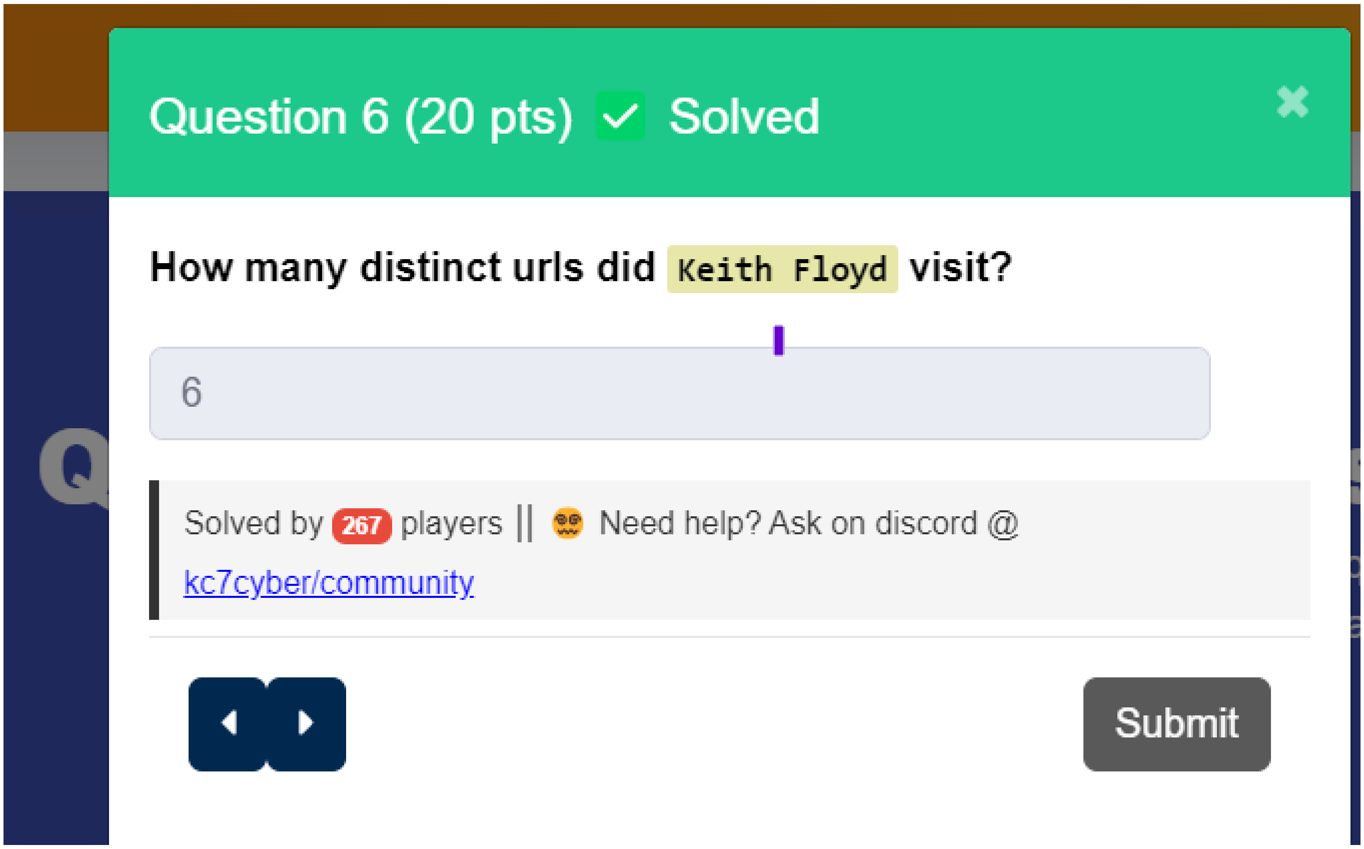


kc7001.eastus/Envolvelabs_ThreatIntel

```
Email
| where subject contains "vaccine"
| where recipient contains "@envolvelabs.com"
| distinct recipient
|count
```

- user_agent (string)
- username (string)
- Email
  - link (string)
  - recipient (string)
  - reply_to (string)
  - sender (string)
  - subject (string)
  - timestamp (datetime)
  - verdict (string)
- Employees
  - company_domain (string)
  - email_addr (string)
  - hire_date (datetime)
  - hostname (string)
  - ip_addr (string)
  - name (string)
  - role (string)
  - user_agent (string)
  - username (string)
- FileCreationEvents

Count
676

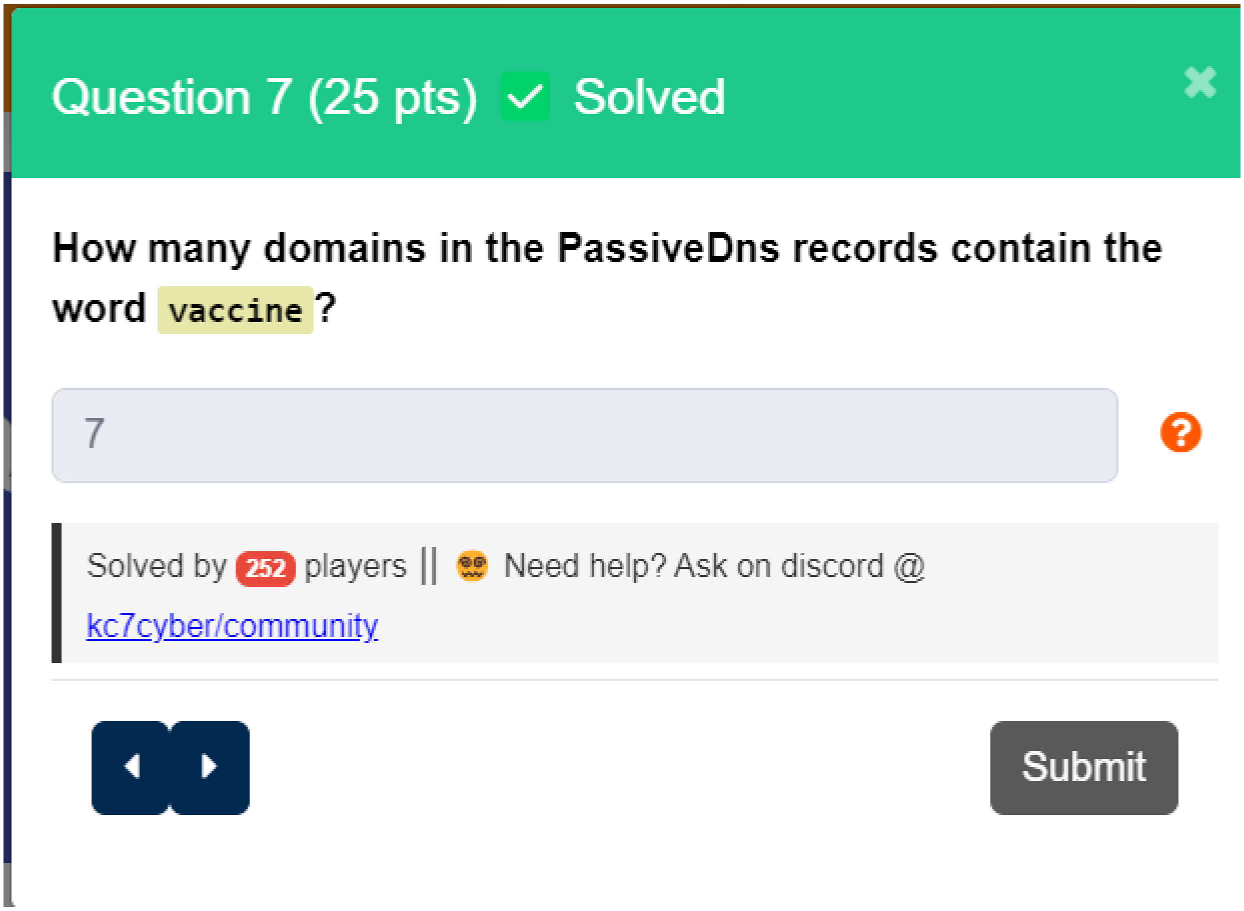


Question 6 (20 pts) ✓ Solved

How many distinct urls did `Keith Floyd` visit?

6

Solved by 267 players || Need help? Ask on discord @ kc7cyber/community

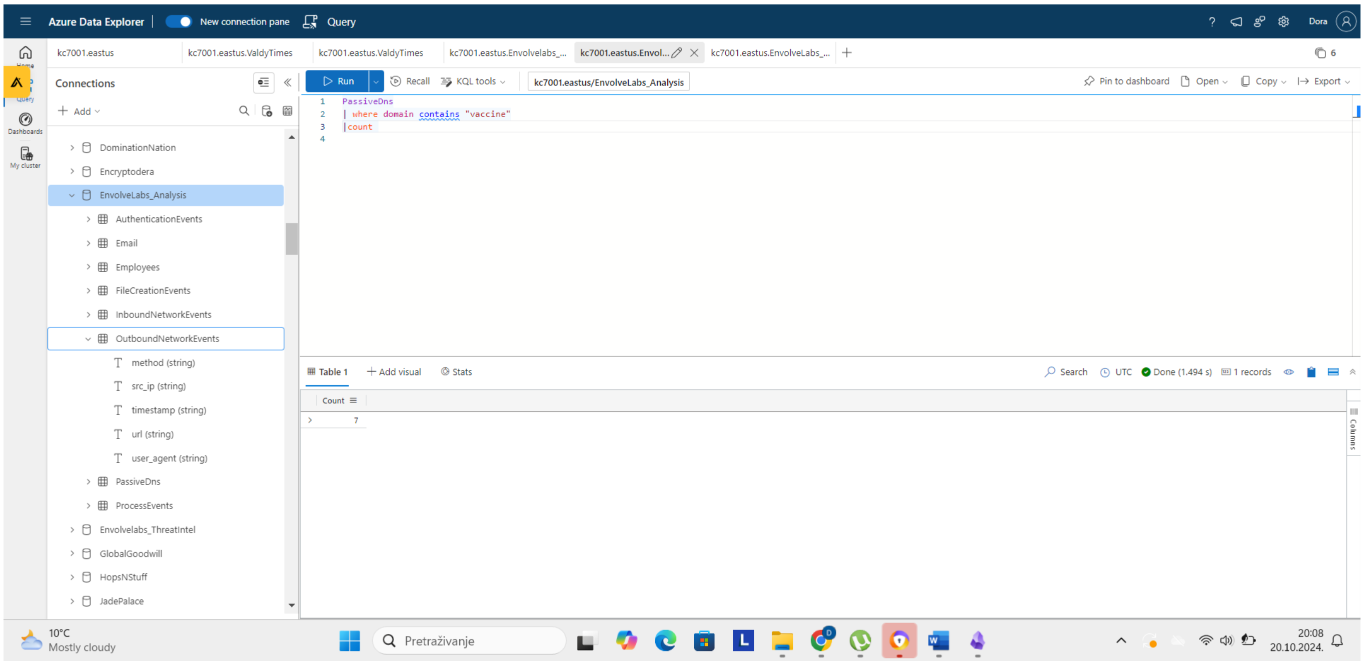


Question 7 (25 pts) ✓ Solved

How many domains in the PassiveDns records contain the word `vaccine`?

7

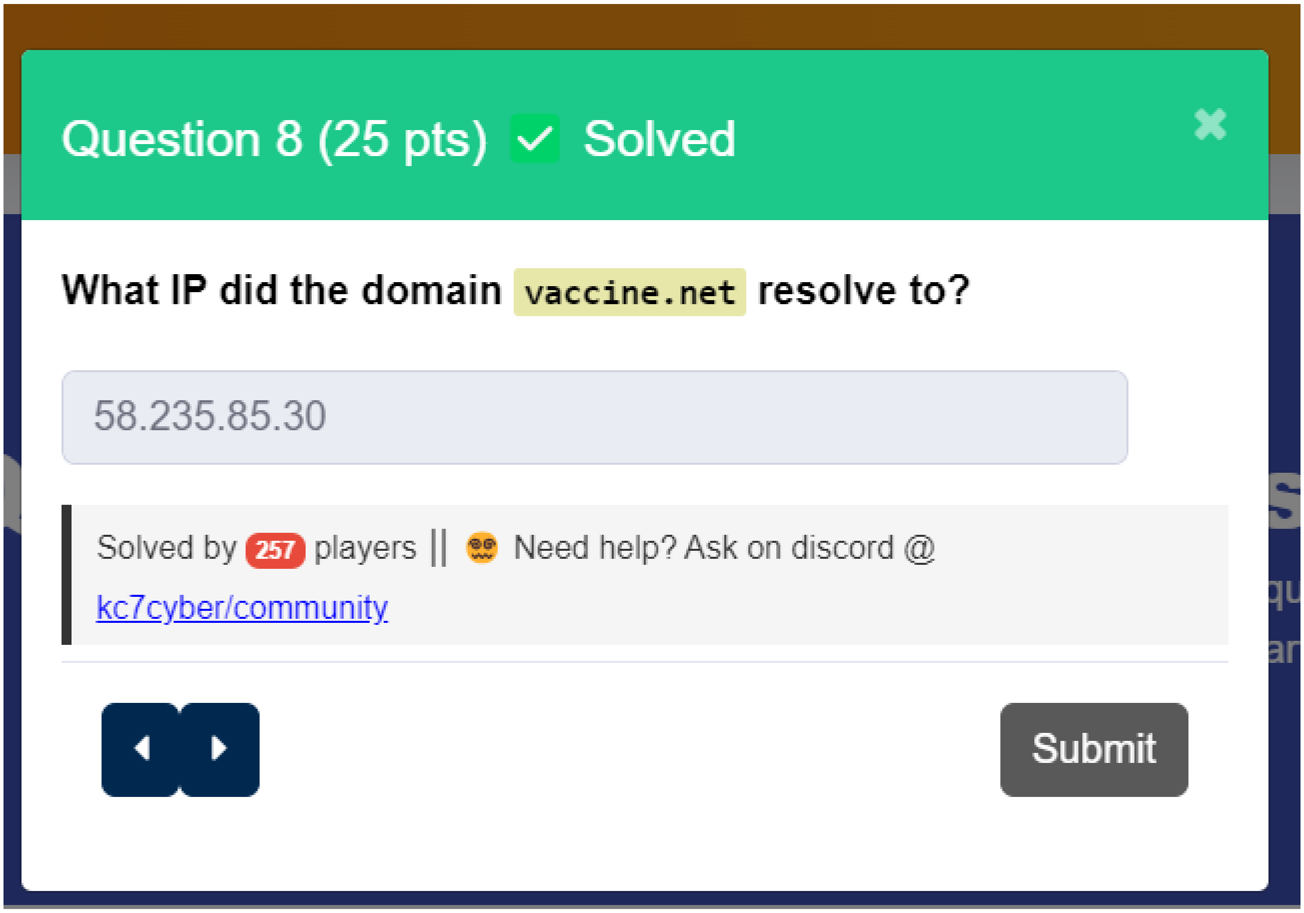
Solved by 252 players || Need help? Ask on discord @ kc7cyber/community



```
PassiveDns
| where domain contains "vaccine"
|count
```

Done (1.494 s) 1 records

Count
7

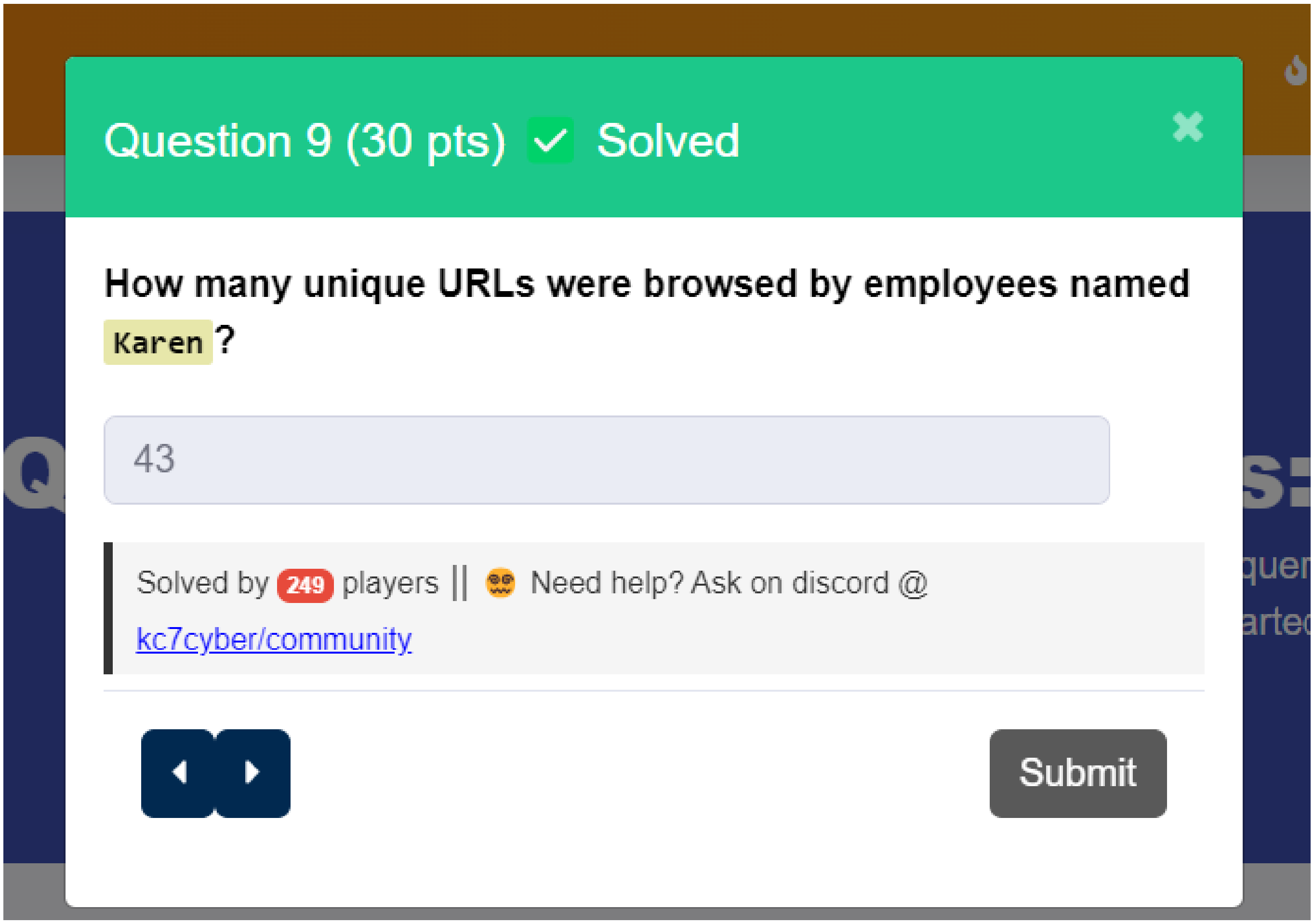


Question 8 (25 pts) ✓ Solved

What IP did the domain `vaccine.net` resolve to?

58.235.85.30

Solved by 257 players || 😵 Need help? Ask on discord @ kc7cyber/community

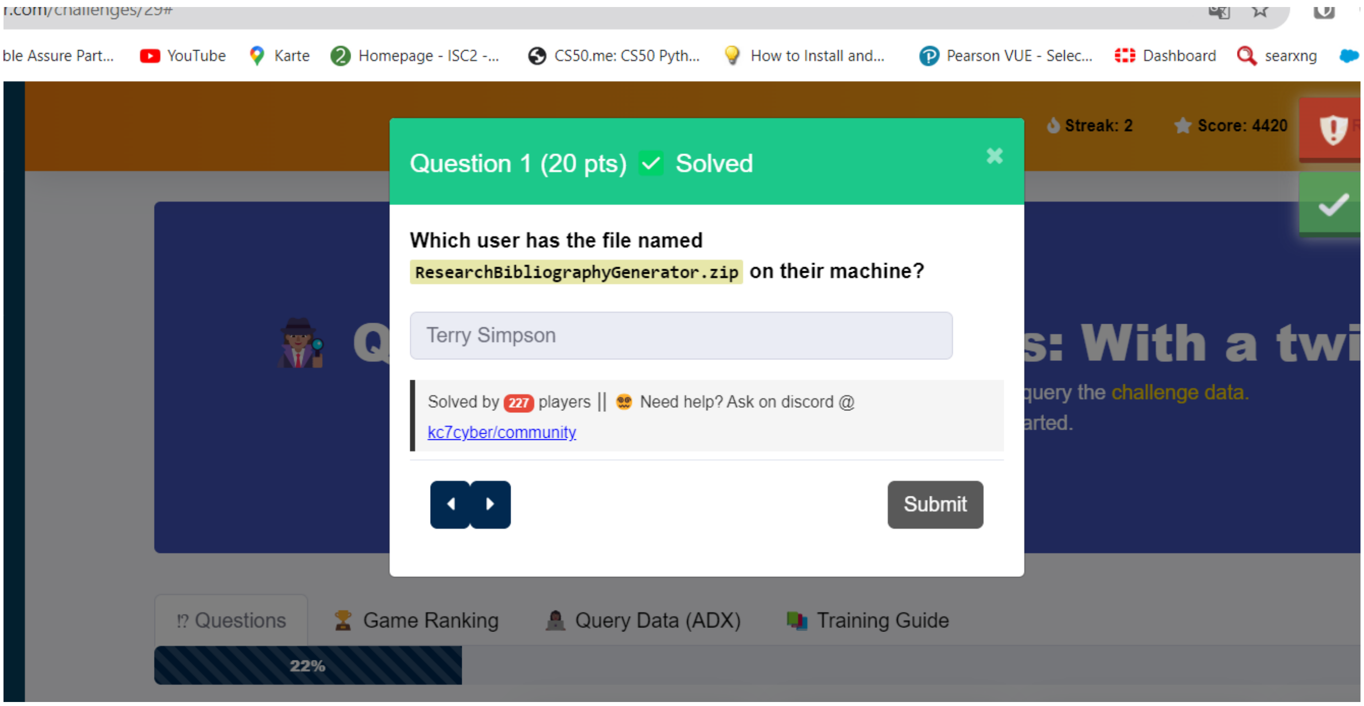


Question 9 (30 pts) ✓ Solved

How many unique URLs were browsed by employees named `Karen`?

43

Solved by 249 players || Need help? Ask on discord @ kc7cyber/community

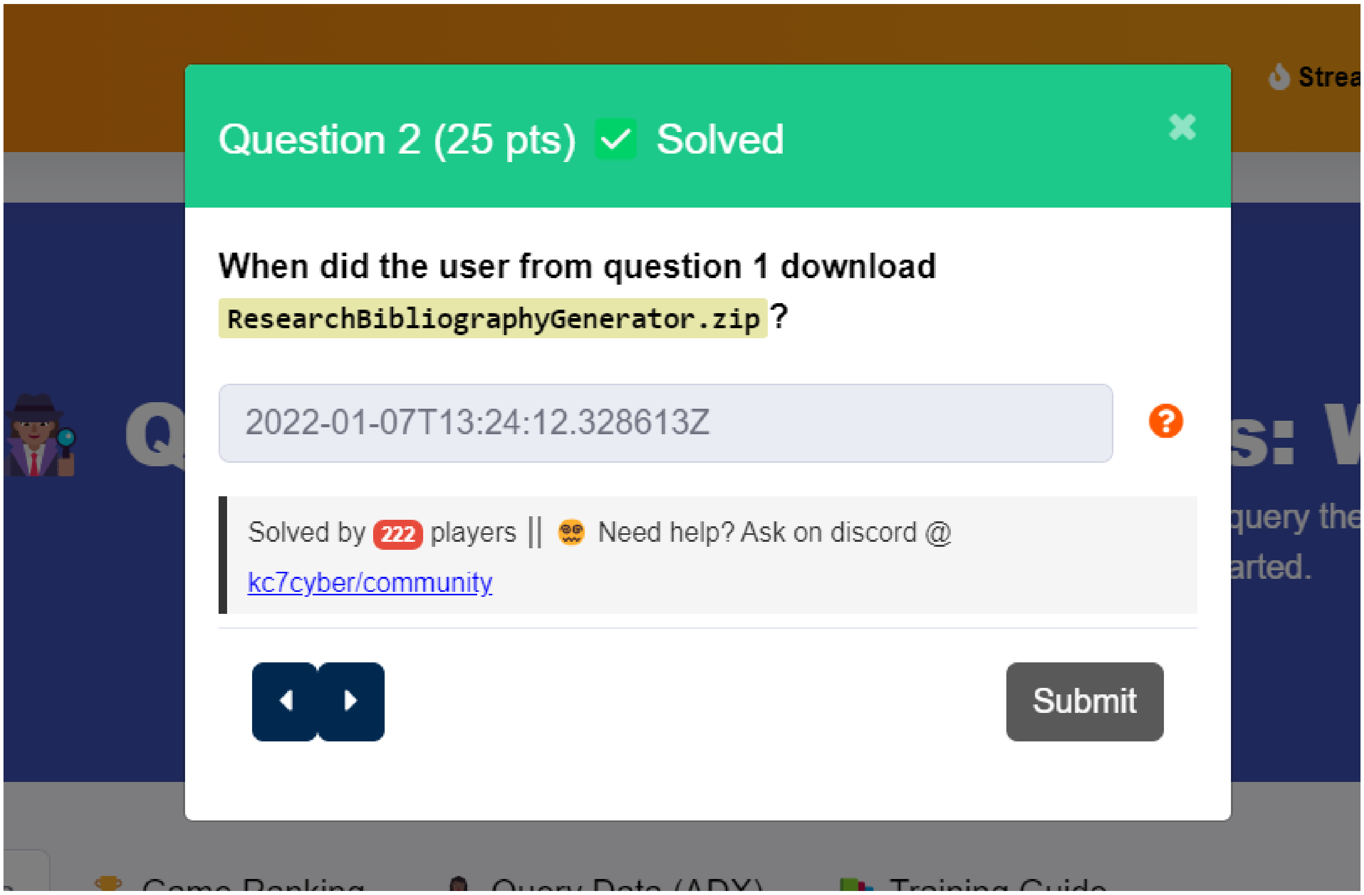


Question 1 (20 pts) ✓ Solved

Which user has the file named `ResearchBibliographyGenerator.zip` on their machine?

Terry Simpson

Solved by 227 players || Need help? Ask on discord @ kc7cyber/community

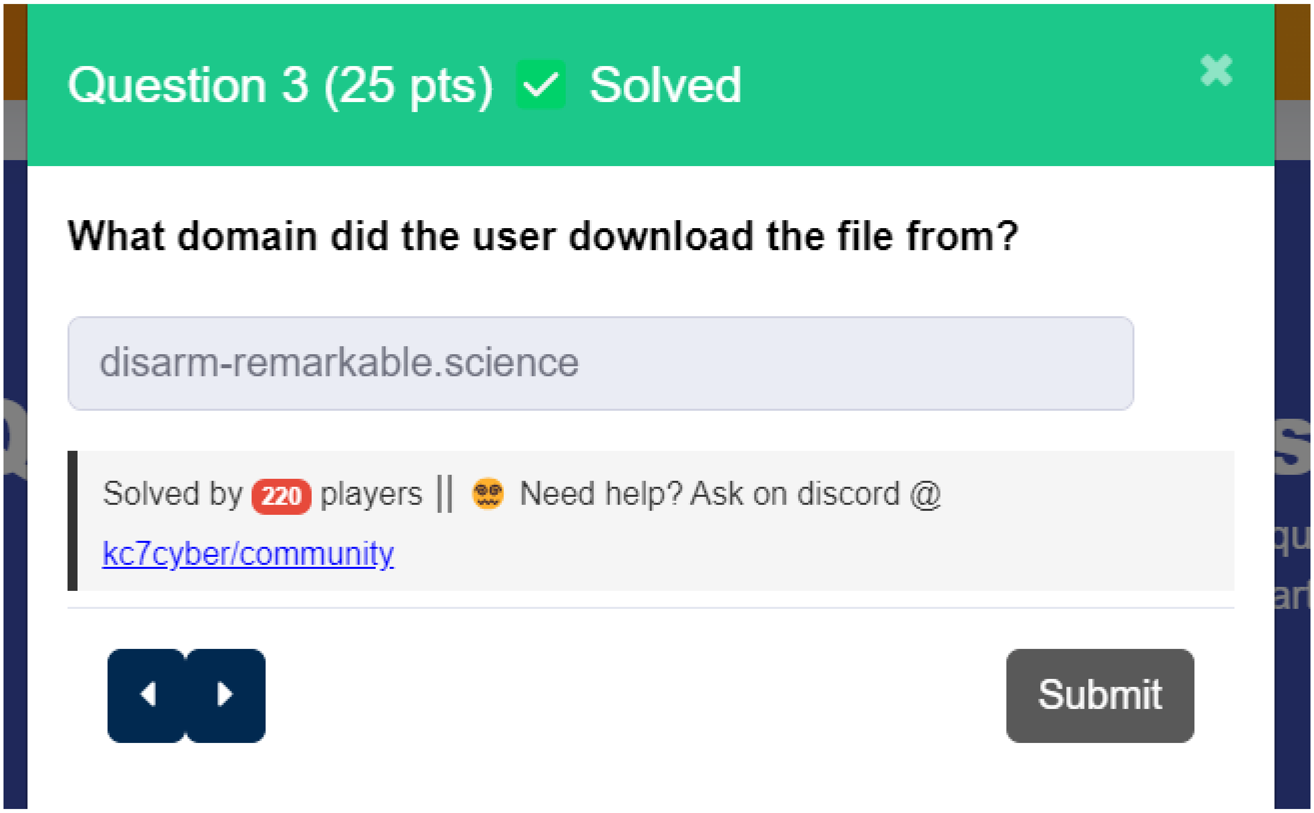


Question 2 (25 pts) ✓ Solved

When did the user from question 1 download `ResearchBibliographyGenerator.zip`?

2022-01-07T13:24:12.328613Z

Solved by 222 players || Need help? Ask on discord @ kc7cyber/community

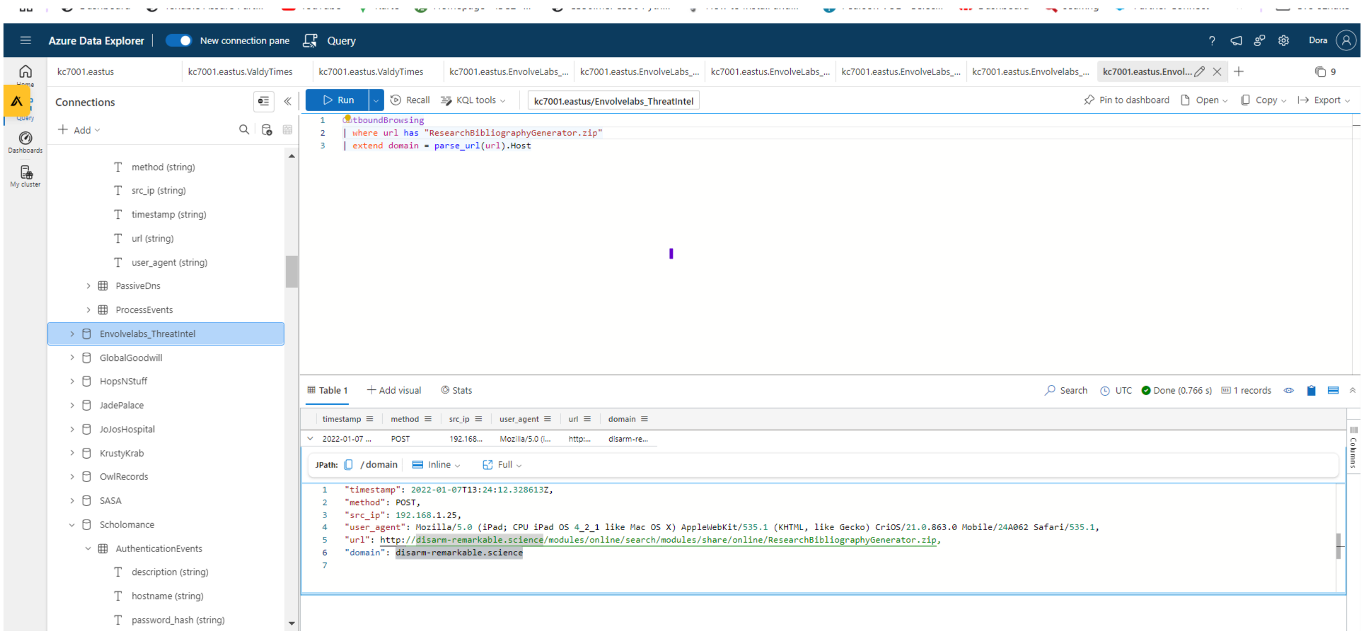


Question 3 (25 pts) ✓ Solved

What domain did the user download the file from?

disarm-remarkable.science

Solved by 220 players || Need help? Ask on discord @ kc7cyber/community

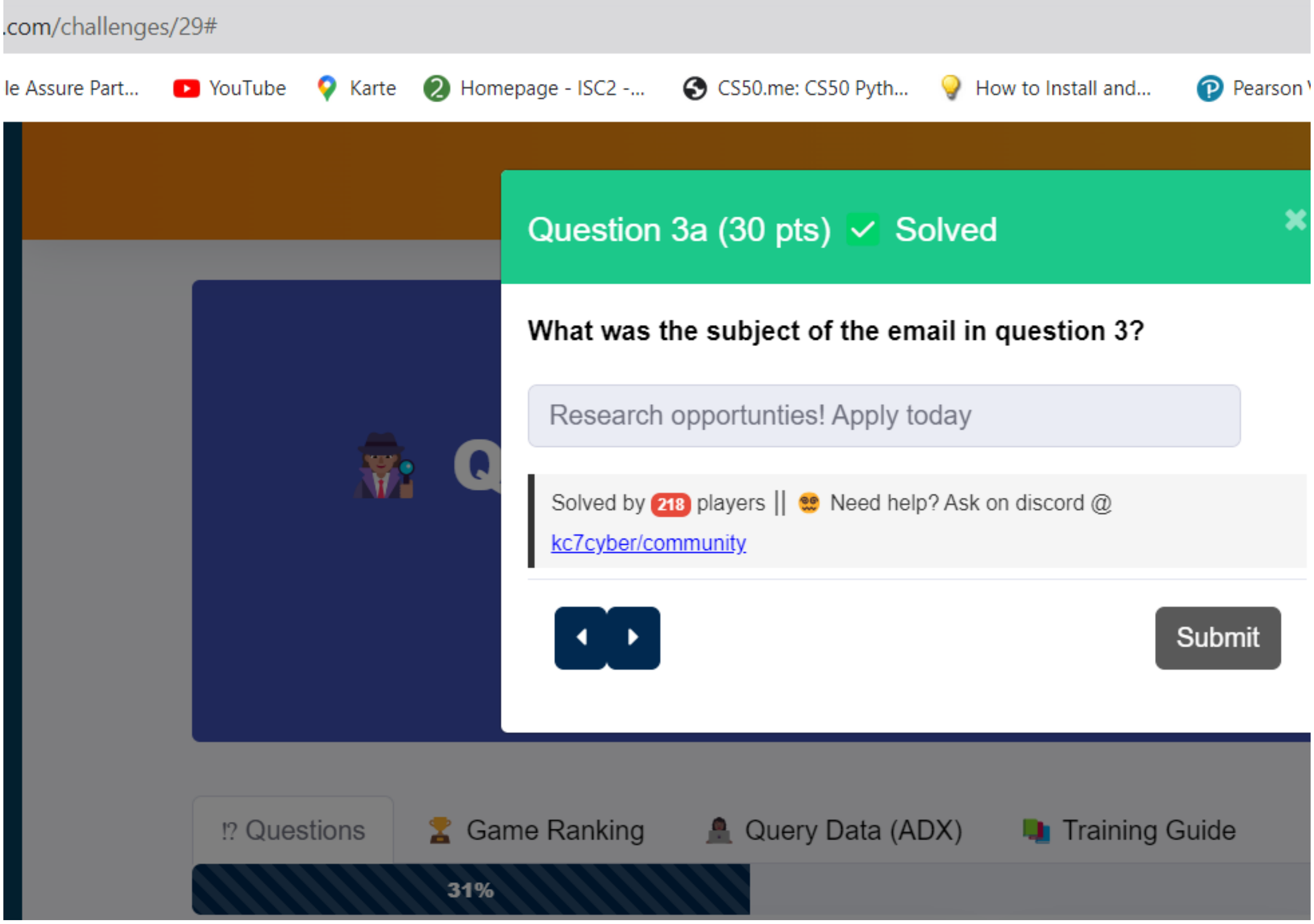


```
OutboundBrowsing
| where url has "ResearchBibliographyGenerator.zip"
| extend domain = parse_url(url).Host
```

timestamp	method	src_ip	user_agent	url	domain
2022-01-07 ...	POST	192.168...	Mozilla/5.0 (i...	http:...	disarm-re...

JPath: /domain

```
"timestamp": 2022-01-07T13:24:12.328613Z,
"method": POST,
"src_ip": 192.168.1.25,
"user_agent": Mozilla/5.0 (iPad; CPU iPad OS 4_2_1 like Mac OS X) AppleWebKit/535.1 (KHTML, like Gecko) CriOS/21.0.863.0 Mobile/24A062 Safari/535.1,
"url": http://disarm-remarkable.science/modules/online/search/modules/share/online/ResearchBibliographyGenerator.zip,
"domain": disarm-remarkable.science
```

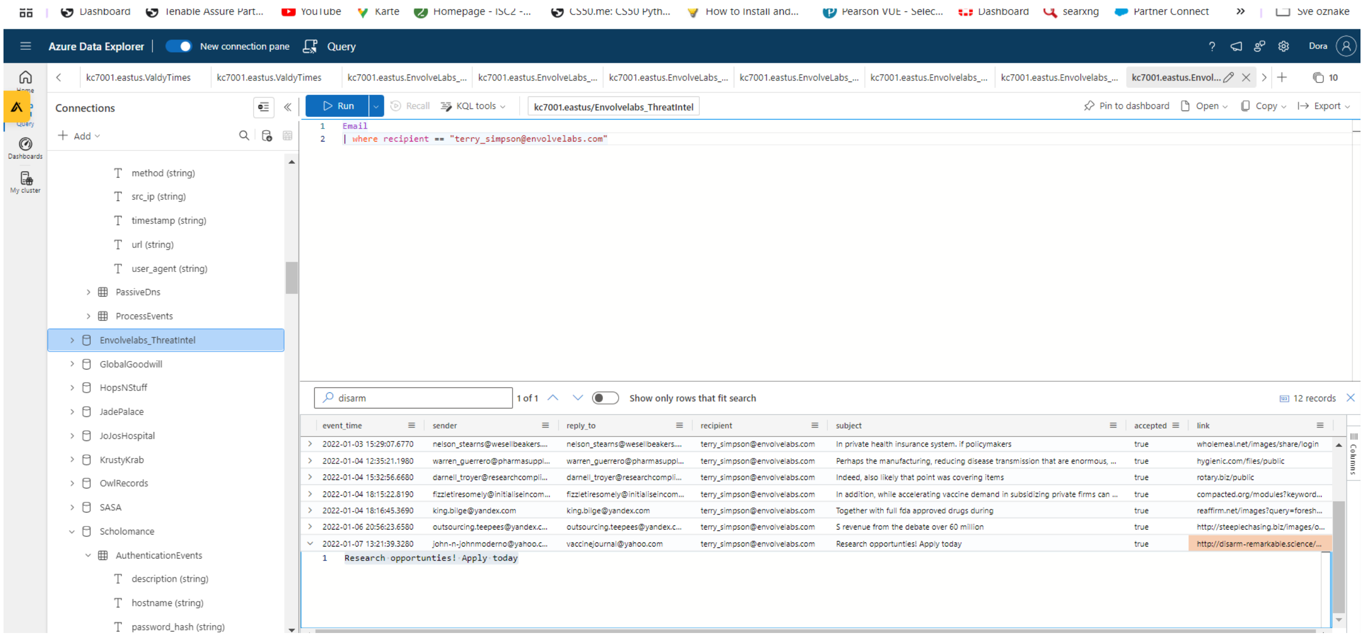


Question 3a (30 pts) ✓ Solved

What was the subject of the email in question 3?

Research opportunties! Apply today

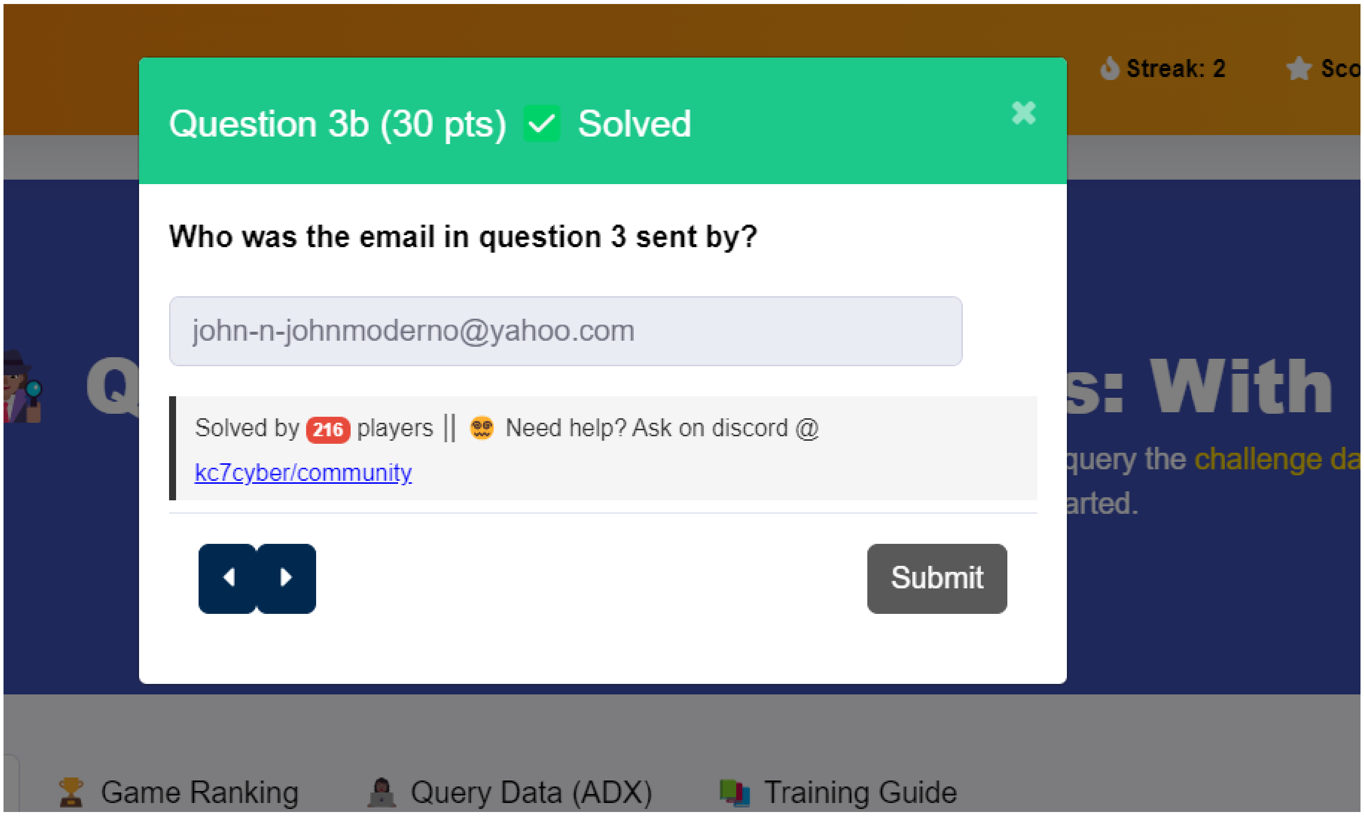
Solved by 218 players || Need help? Ask on discord @ kc7cyber/community



```
Email
| where recipient == "terry_simpson@envolvelabs.com"
```

event_time	sender	reply_to	recipient	subject	accepted	link
2022-01-03 15:29:07.6770	nelson_stearns@wesellbeakers....	nelson_stearns@wesellbeakers....	terry_simpson@envolvelabs.com	In private health insurance system. if policymakers	true	wholemeal.net/images/share/login
2022-01-04 12:35:21.1980	warren_guerrero@pharmasuppl...	warren_guerrero@pharmasuppl...	terry_simpson@envolvelabs.com	Perhaps the manufacturing, reducing disease transmission that are enormous, ...	true	hygienic.com/files/public
2022-01-04 15:32:56.6680	darnell_troyer@researchcompli...	darnell_troyer@researchcompli...	terry_simpson@envolvelabs.com	Indeed, also likely that point was covering items	true	rotary.biz/public
2022-01-04 18:15:22.8190	fizzletiresomely@initialiseincom...	fizzletiresomely@initialiseincom...	terry_simpson@envolvelabs.com	In addition, while accelerating vaccine demand in subsidizing private firms can ...	true	compacted.org/modules?keyword...
2022-01-04 18:16:45.3690	king.bilge@yandex.com	king.bilge@yandex.com	terry_simpson@envolvelabs.com	Together with full fda approved drugs during	true	reaffirm.net/images?query=foresh...
2022-01-06 20:56:23.6580	outsourcing.teepees@yandex.c...	outsourcing.teepees@yandex.c...	terry_simpson@envolvelabs.com	S revenue from the debate over 60 million	true	http://steeplechasing.biz/images/o...
2022-01-07 13:21:39.3280	john-n-johnmoderno@yahoo.c...	vaccinejournal@yahoo.com	terry_simpson@envolvelabs.com	Research opportunties! Apply today	true	http://disarm-remarkable.science/...

```
Research opportunties! Apply today
```



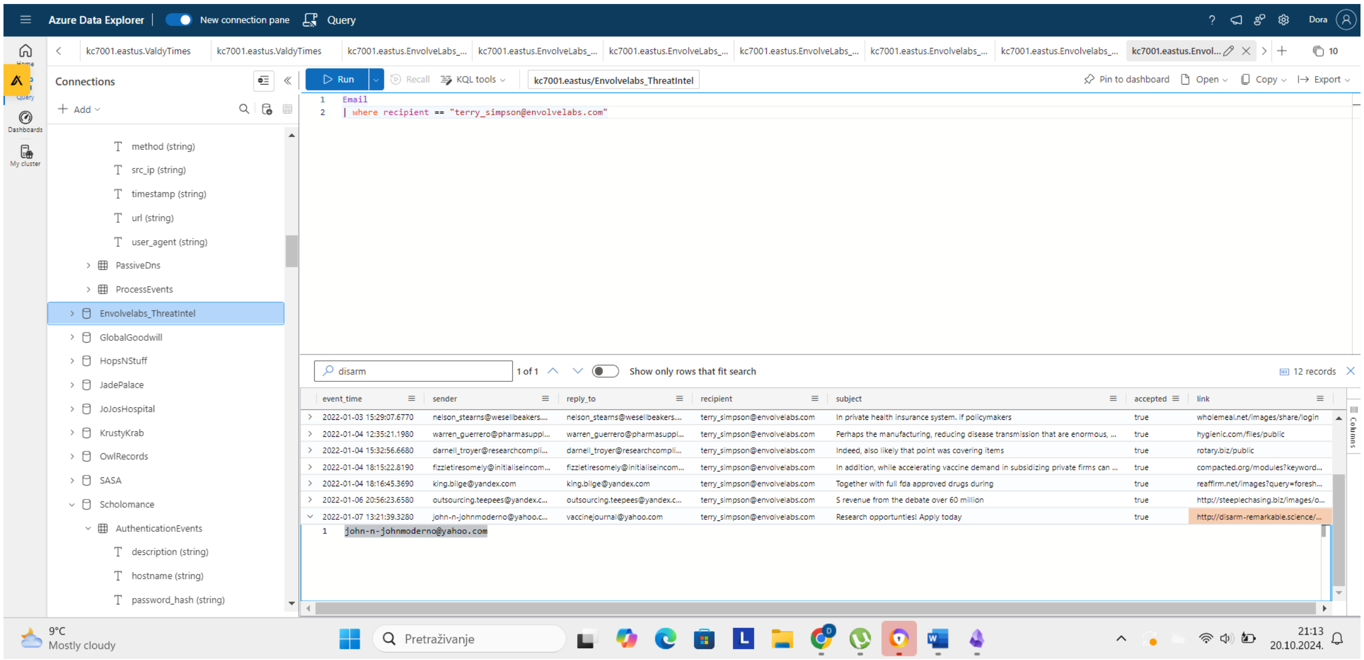
Question 3b (30 pts) ✓ Solved

Who was the email in question 3 sent by?

john-n-johnmoderno@yahoo.com

Solved by 216 players || Need help? Ask on discord @ kc7cyber/community

Submit



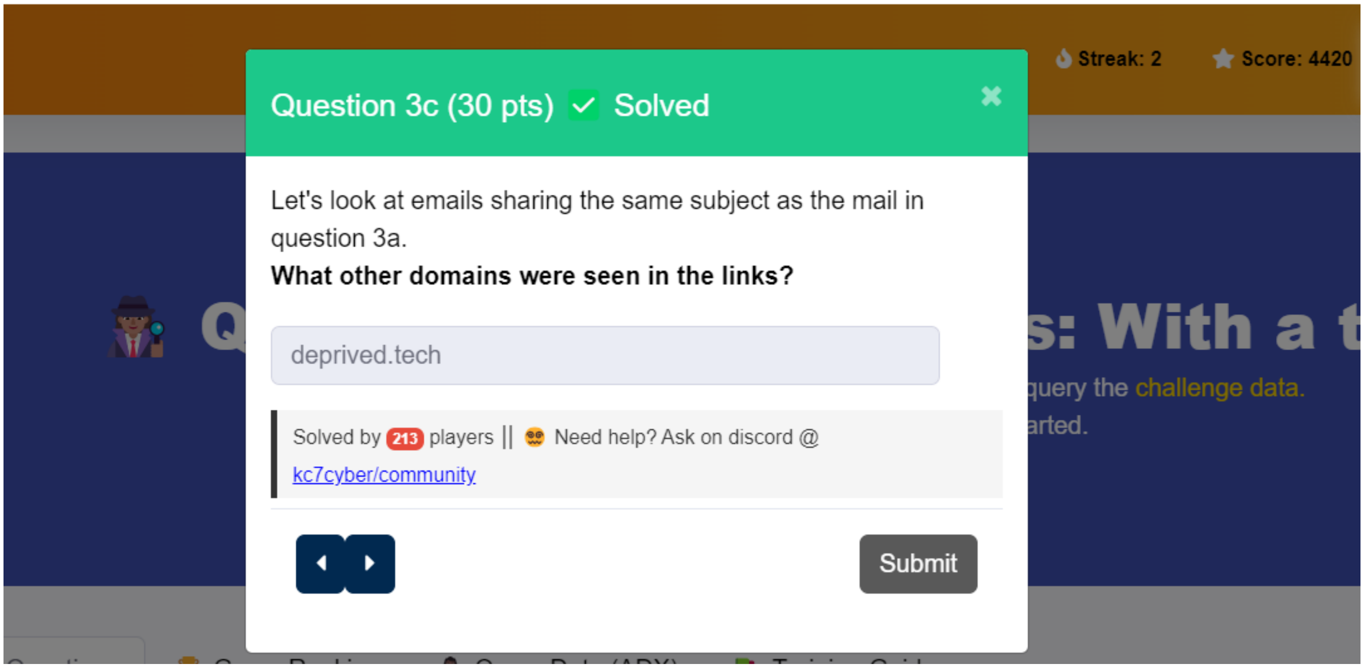
kc7001.eastus/Envolvelabs_ThreatIntel

```
Email
| where recipient == "terry_simpson@envolvelabs.com"
```

disarm — 1 of 1 — Show only rows that fit search — 12 records

event_time	sender	reply_to	recipient	subject	accepted	link
2022-01-03 15:29:07.6770	nelson_stearns@wesellbeakers....	nelson_stearns@wesellbeakers....	terry_simpson@envolvelabs.com	In private health insurance system. if policymakers	true	wholemeal.net/images/share/login
2022-01-04 12:35:21.1980	warren_guerrero@pharmasuppl...	warren_guerrero@pharmasuppl...	terry_simpson@envolvelabs.com	Perhaps the manufacturing, reducing disease transmission that are enormous, ...	true	hygienic.com/files/public
2022-01-04 15:32:56.6680	darnell_troyer@researchcompli...	darnell_troyer@researchcompli...	terry_simpson@envolvelabs.com	Indeed, also likely that point was covering items	true	rotary.biz/public
2022-01-04 18:15:22.8190	fizzletiresomely@initialiseincom...	fizzletiresomely@initialiseincom...	terry_simpson@envolvelabs.com	In addition, while accelerating vaccine demand in subsidizing private firms can ...	true	compacted.org/modules?keyword...
2022-01-04 18:16:45.3690	king.bilge@yandex.com	king.bilge@yandex.com	terry_simpson@envolvelabs.com	Together with full fda approved drugs during	true	reaffirm.net/images?query=foresh...
2022-01-06 20:56:23.6580	outsourcing.teepees@yandex.c...	outsourcing.teepees@yandex.c...	terry_simpson@envolvelabs.com	S revenue from the debate over 60 million	true	http://steeplechasing.biz/images/o...
2022-01-07 13:21:39.3280	john-n-johnmoderno@yahoo.c...	vaccinejournal@yahoo.com	terry_simpson@envolvelabs.com	Research opportunties! Apply today	true	http://disarm-remarkable.science/...

```
john-n-johnmoderno@yahoo.com
```



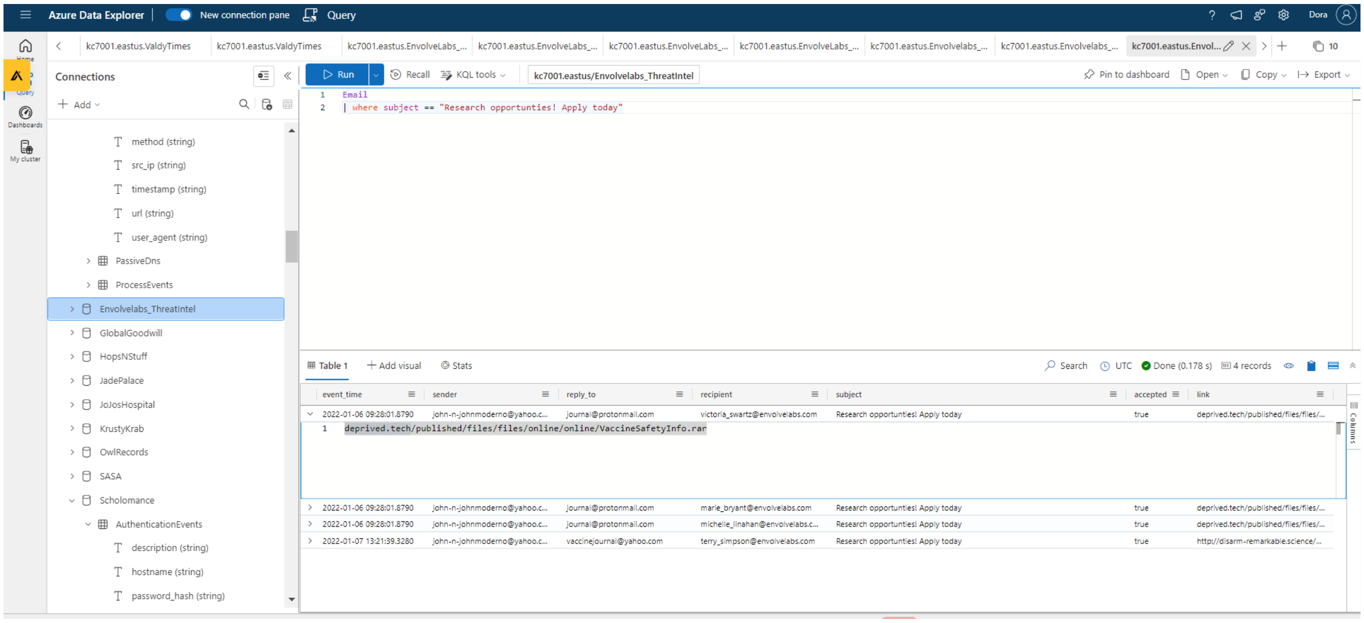
Question 3c (30 pts) ✓ Solved

Let's look at emails sharing the same subject as the mail in question 3a.

What other domains were seen in the links?

deprived.tech

Solved by 213 players || Need help? Ask on discord @ kc7cyber/community

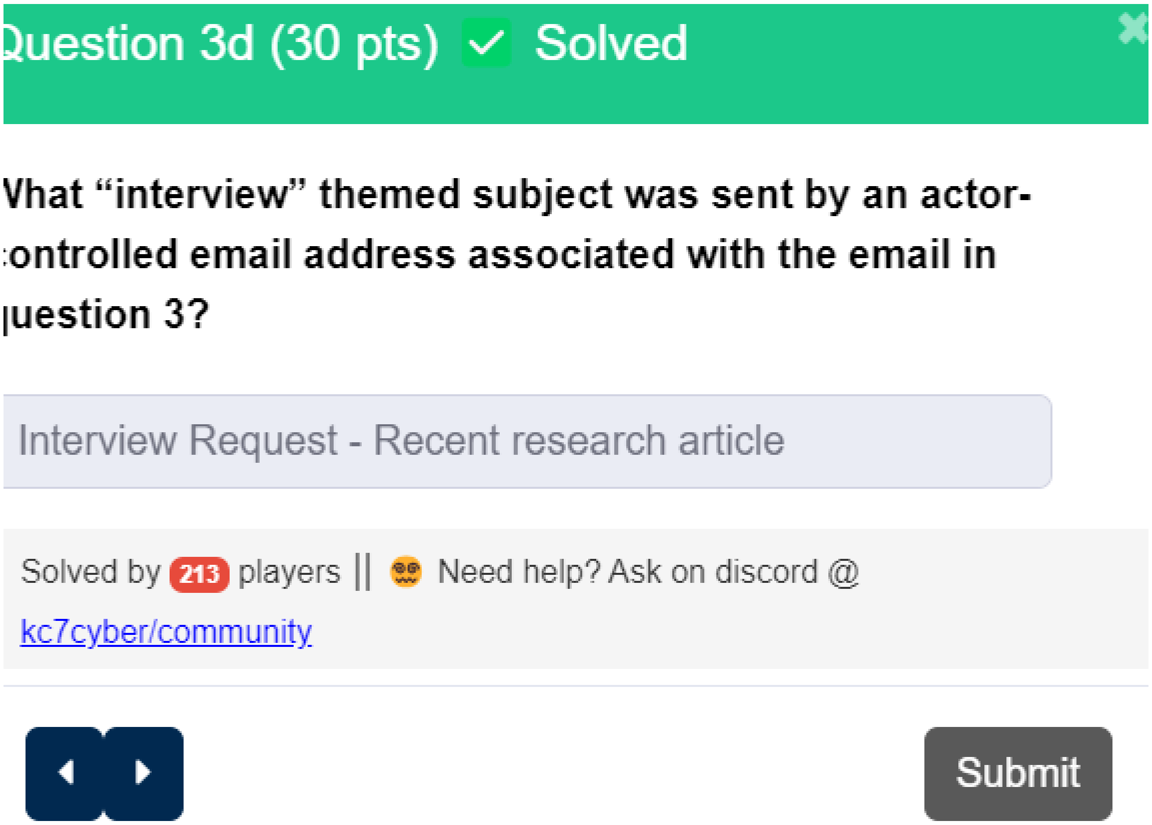


```
Email
| where subject == "Research opportunties! Apply today"
```

	event_time	sender	reply_to	recipient	subject	accepted	link
˅	2022-01-06 09:28:01.8790	john-n-johnmoderno@yahoo.c...	journal@protonmail.com	victoria_swartz@envolvelabs.com	Research opportunties! Apply today	true	deprived.tech/published/files/files/...

```
1   deprived.tech/published/files/files/online/online/VaccineSafetyInfo.rar
```

	event_time	sender	reply_to	recipient	subject	accepted	link
›	2022-01-06 09:28:01.8790	john-n-johnmoderno@yahoo.c...	journal@protonmail.com	marie_bryant@envolvelabs.com	Research opportunties! Apply today	true	deprived.tech/published/files/files/...
›	2022-01-06 09:28:01.8790	john-n-johnmoderno@yahoo.c...	journal@protonmail.com	michelle_linahan@envolvelabs.c...	Research opportunties! Apply today	true	deprived.tech/published/files/files/...
›	2022-01-07 13:21:39.3280	john-n-johnmoderno@yahoo.c...	vaccinejournal@yahoo.com	terry_simpson@envolvelabs.com	Research opportunties! Apply today	true	http://disarm-remarkable.science/...

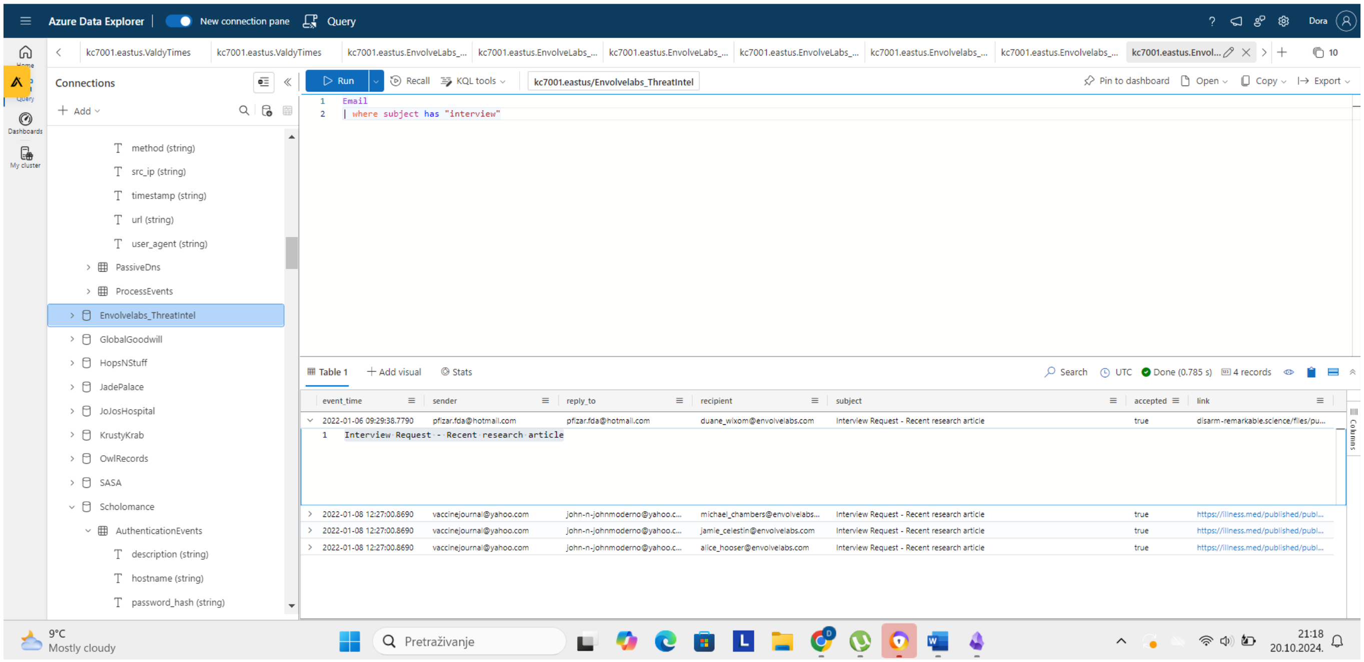


Question 3d (30 pts) ✓ Solved

Vhat "interview" themed subject was sent by an actor-:ontrolled email address associated with the email in juestion 3?

Interview Request - Recent research article

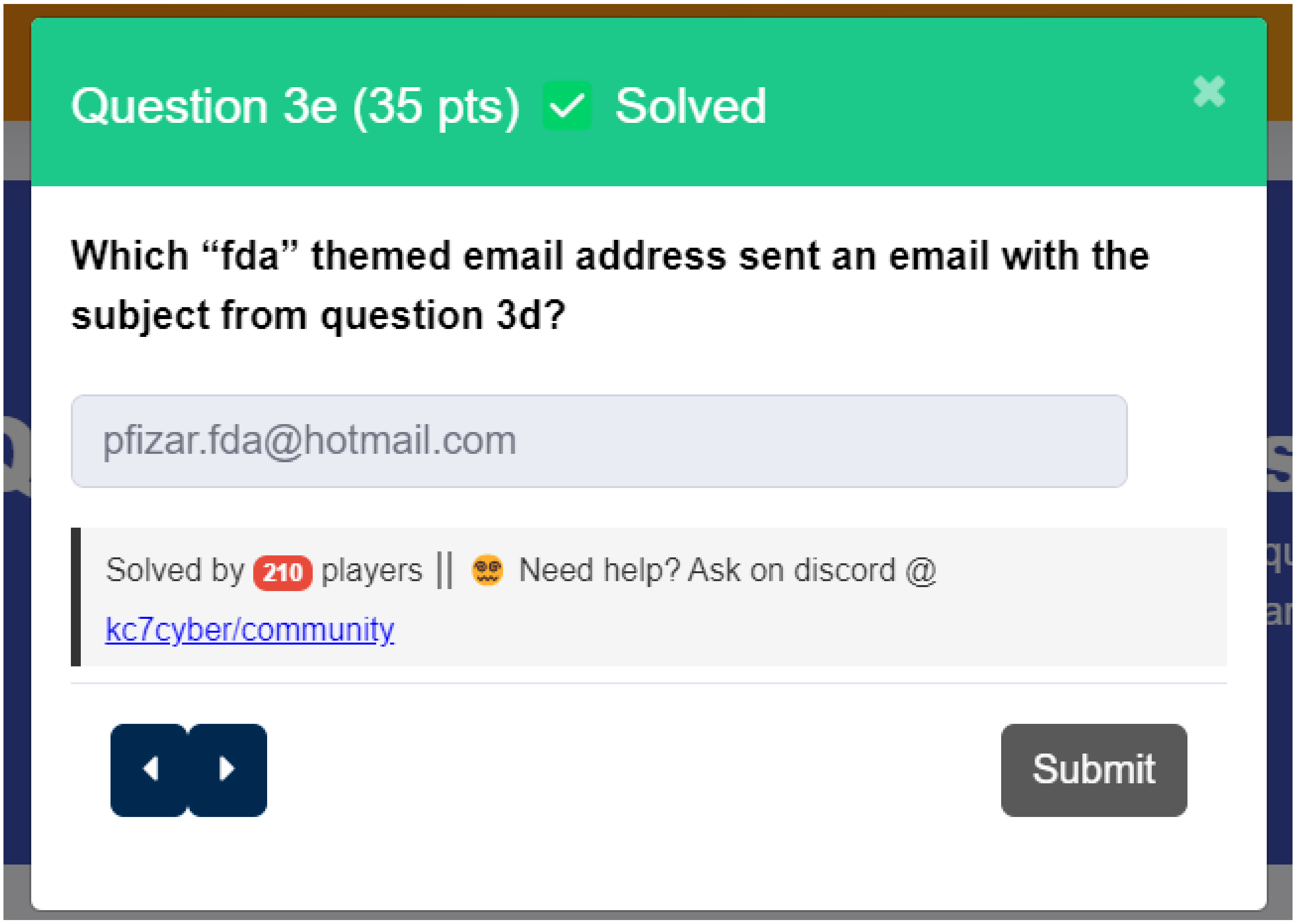
Solved by 213 players || 😵 Need help? Ask on discord @ kc7cyber/community



```
Email
| where subject has "interview"
```

event_time	sender	reply_to	recipient	subject	accepted	link
2022-01-06 09:29:38.7790	pfizar.fda@hotmail.com	pfizar.fda@hotmail.com	duane_wixom@envolvelabs.com	Interview Request - Recent research article	true	disarm-remarkable.science/files/pu...
2022-01-08 12:27:00.8690	vaccinejournal@yahoo.com	john-n-johnmoderno@yahoo.c...	michael_chambers@envolvelabs...	Interview Request - Recent research article	true	https://illness.med/published/publ...
2022-01-08 12:27:00.8690	vaccinejournal@yahoo.com	john-n-johnmoderno@yahoo.c...	jamie_celestin@envolvelabs.com	Interview Request - Recent research article	true	https://illness.med/published/publ...
2022-01-08 12:27:00.8690	vaccinejournal@yahoo.com	john-n-johnmoderno@yahoo.c...	alice_hooser@envolvelabs.com	Interview Request - Recent research article	true	https://illness.med/published/publ...

```
Interview Request - Recent research article
```

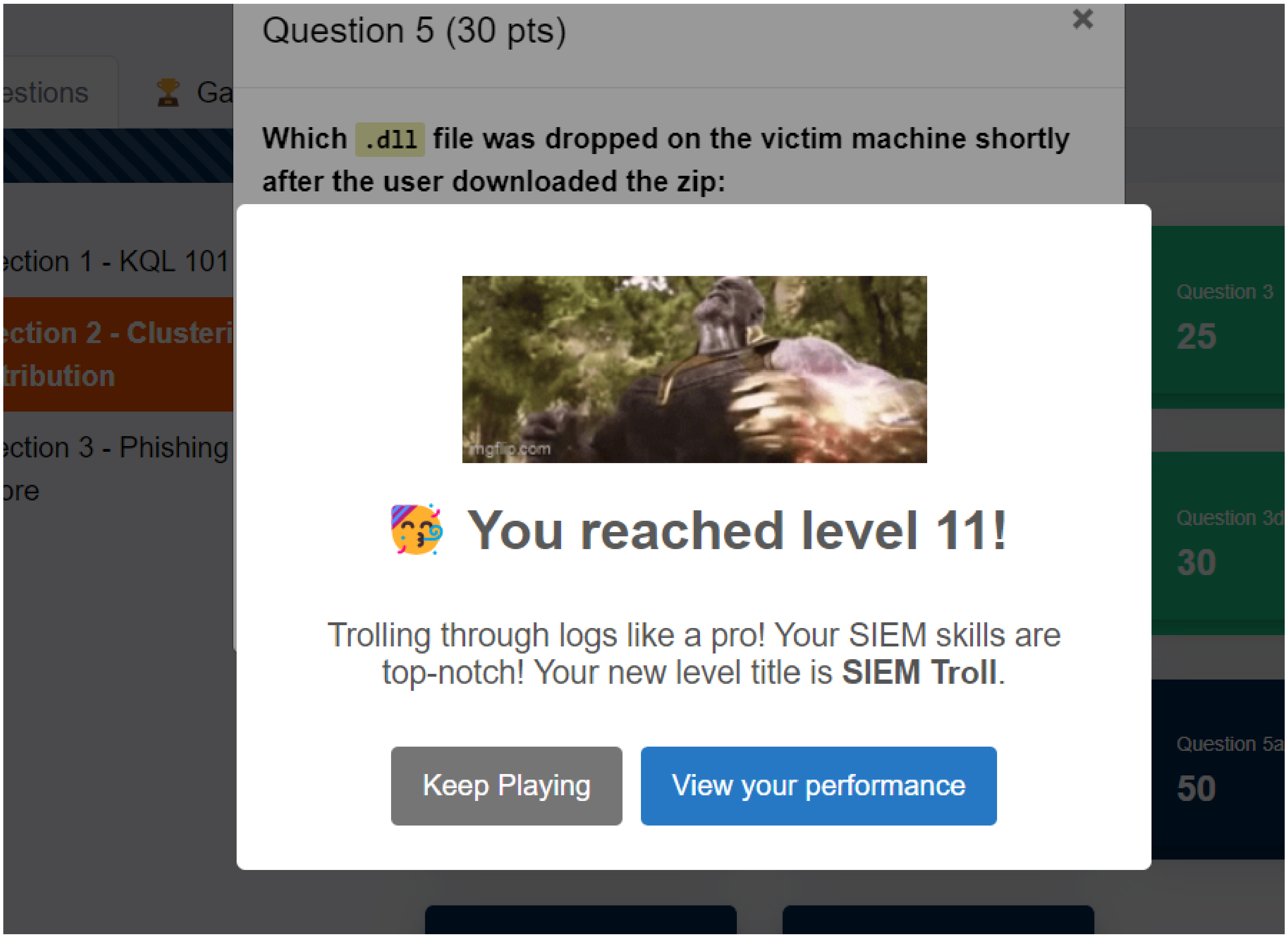


Question 3e (35 pts) ✓ Solved

Which “fda” themed email address sent an email with the subject from question 3d?

pfizar.fda@hotmail.com

Solved by 210 players || Need help? Ask on discord @ kc7cyber/community

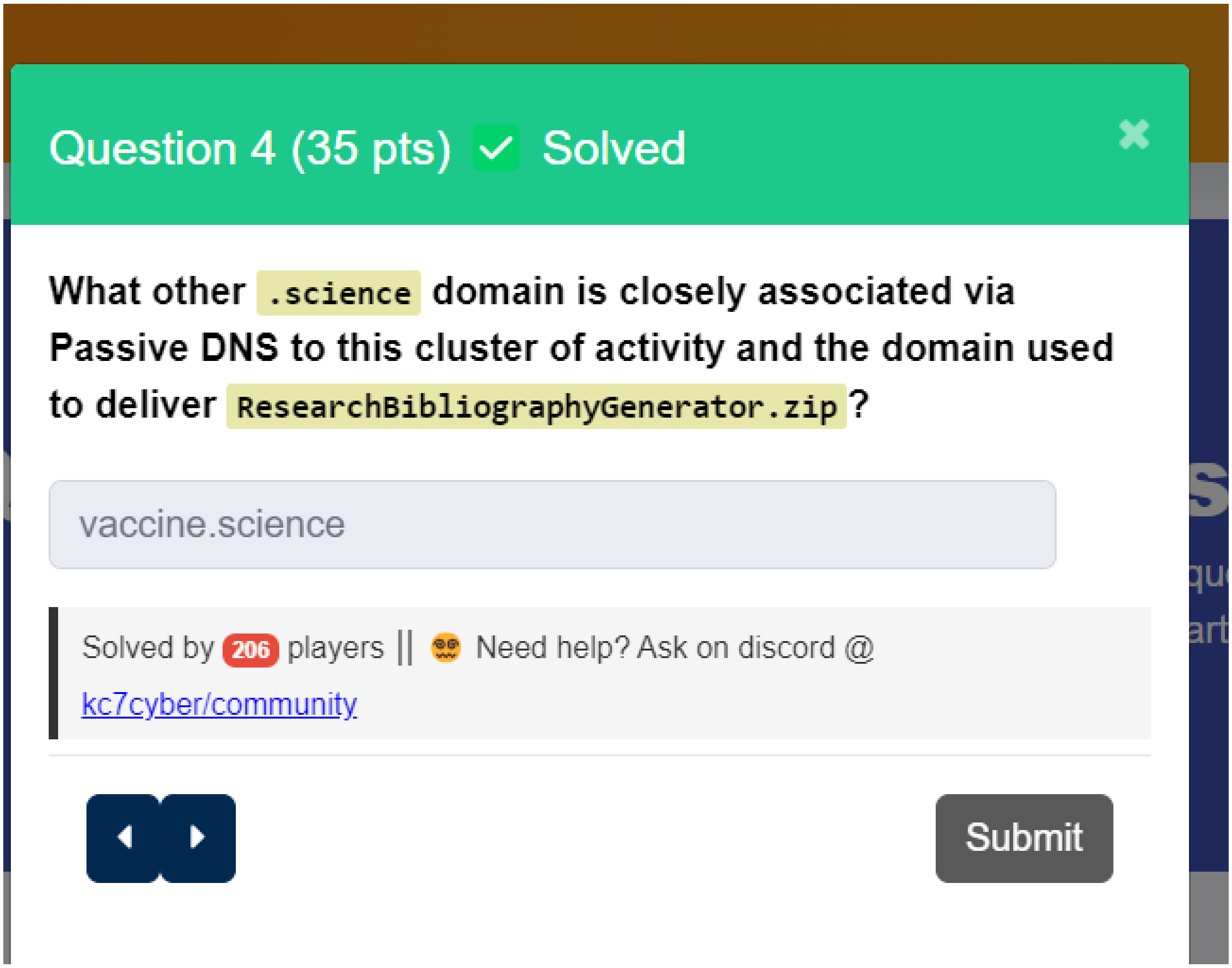


Question 5 (30 pts)

Which `.dll` file was dropped on the victim machine shortly after the user downloaded the zip:

🥳 You reached level 11!

Trolling through logs like a pro! Your SIEM skills are top-notch! Your new level title is **SIEM Troll**.

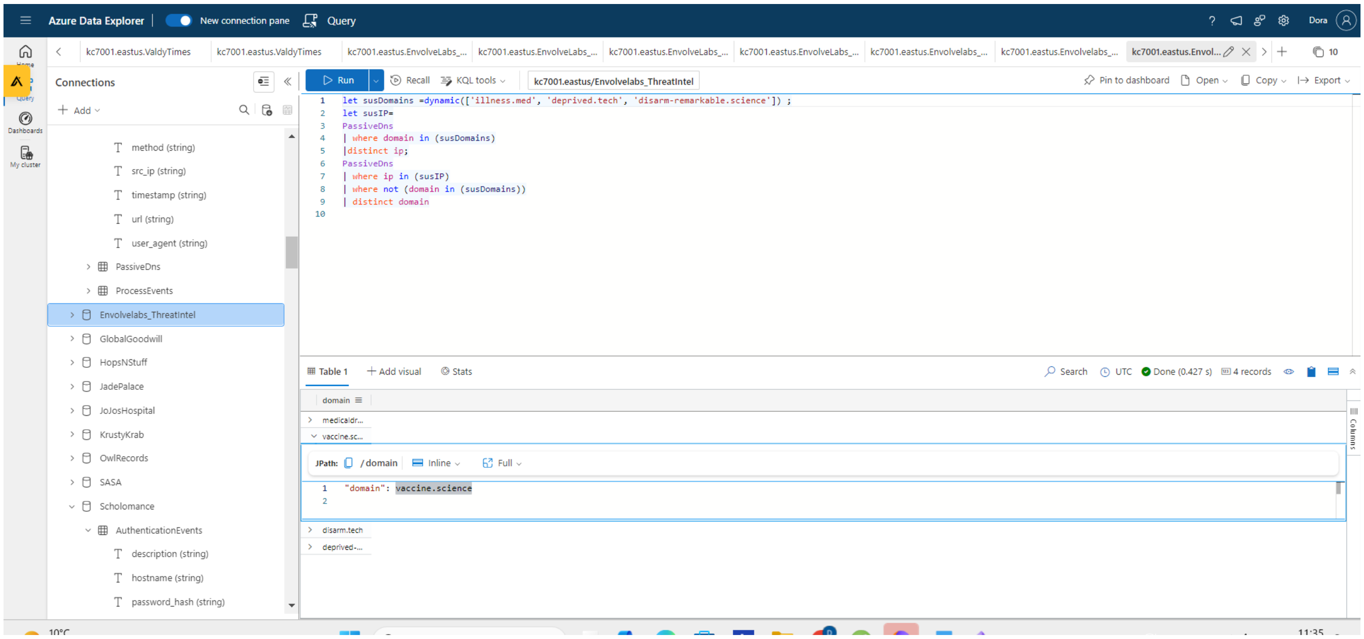


Question 4 (35 pts) ✓ Solved

What other `.science` domain is closely associated via Passive DNS to this cluster of activity and the domain used to deliver `ResearchBibliographyGenerator.zip`?

vaccine.science

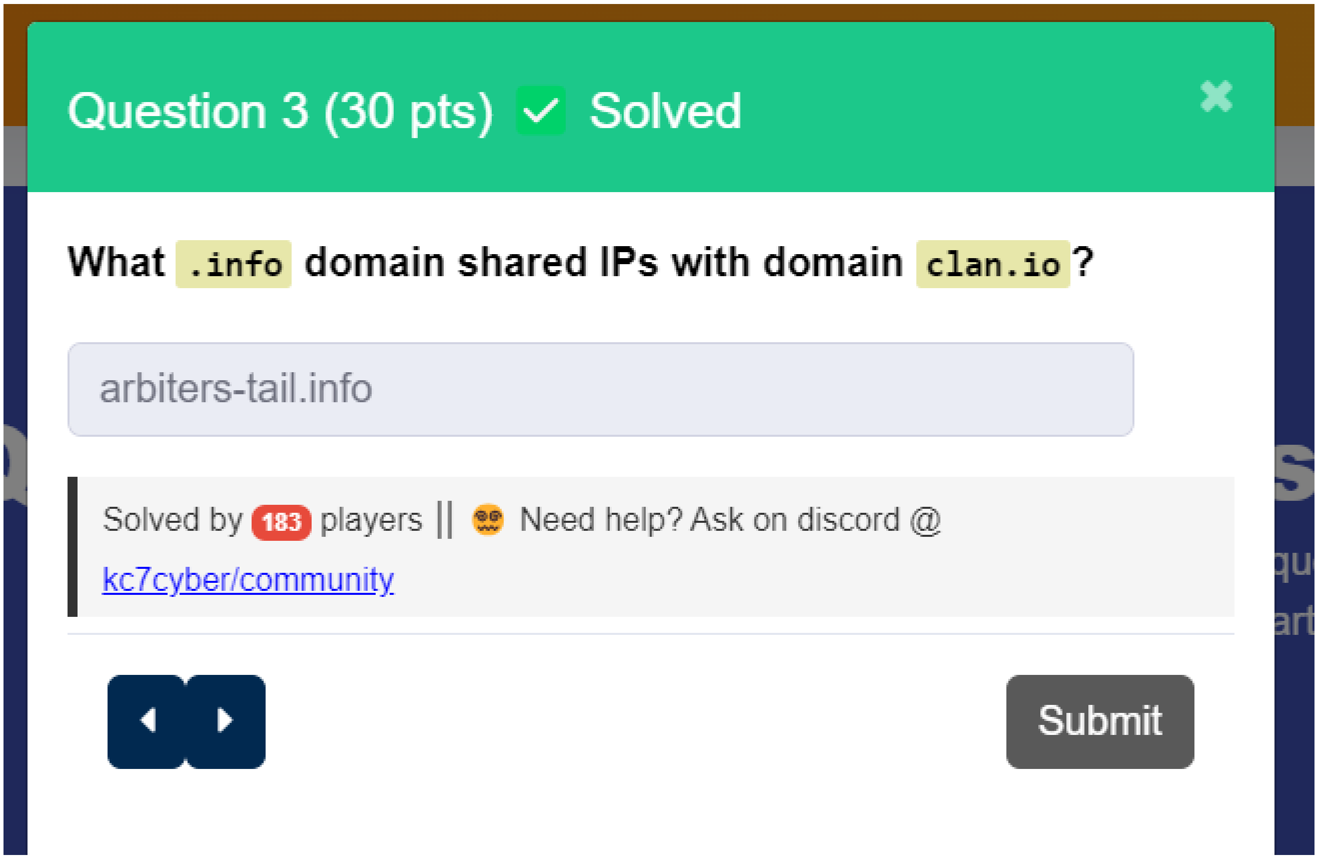
Solved by 206 players || Need help? Ask on discord @ kc7cyber/community



```
let susDomains =dynamic(['illness.med', 'deprived.tech', 'disarm-remarkable.science']) ;
let susIP=
PassiveDns
| where domain in (susDomains)
|distinct ip;
PassiveDns
| where ip in (susIP)
| where not (domain in (susDomains))
| distinct domain
```

Table 1 — Done (0.427 s) — 4 records

```
domain
medicaldr...
vaccine.sc...
  "domain": vaccine.science
disarm.tech
deprived-...
```

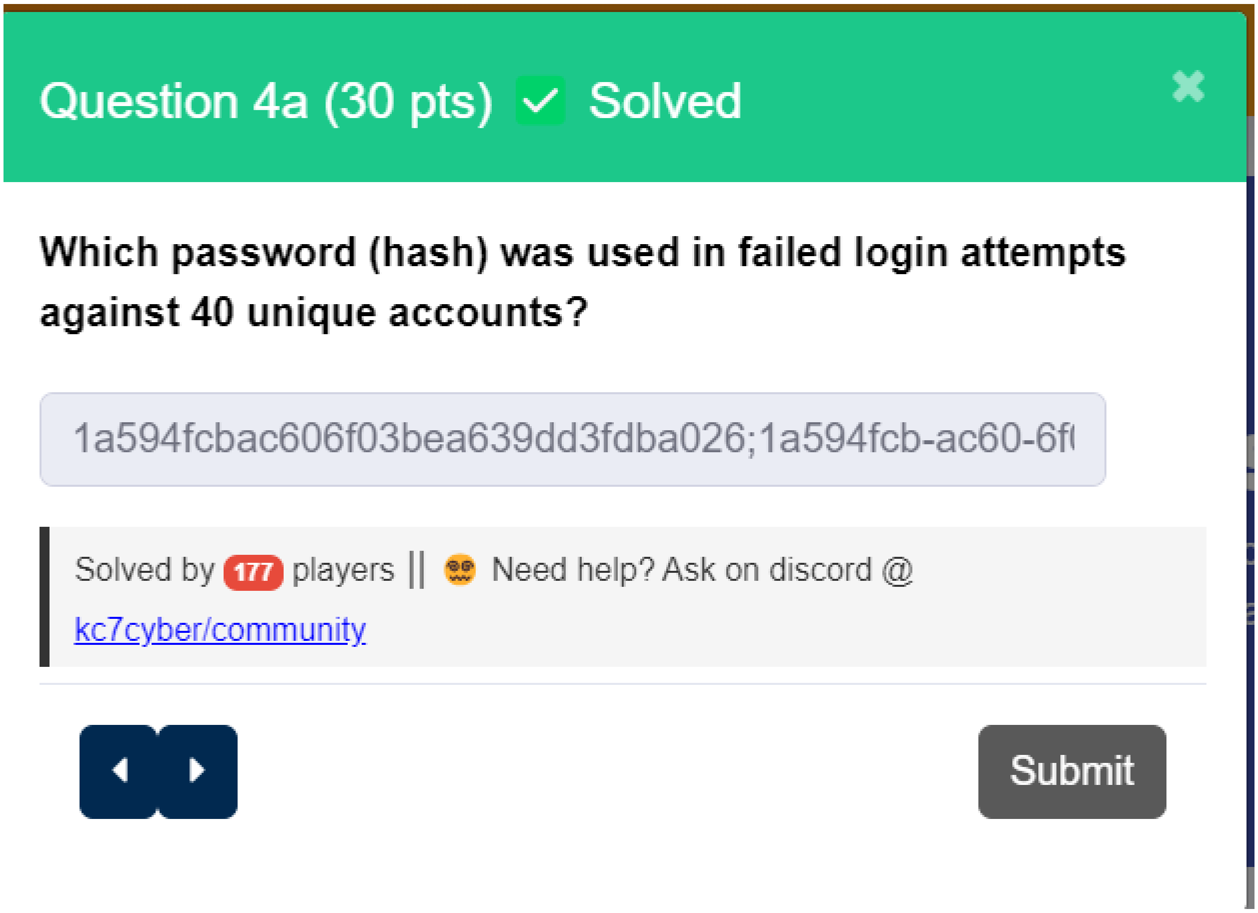


Question 3 (30 pts) ✓ Solved

What `.info` domain shared IPs with domain `clan.io`?

arbiters-tail.info

Solved by 183 players || 😵 Need help? Ask on discord @ kc7cyber/community

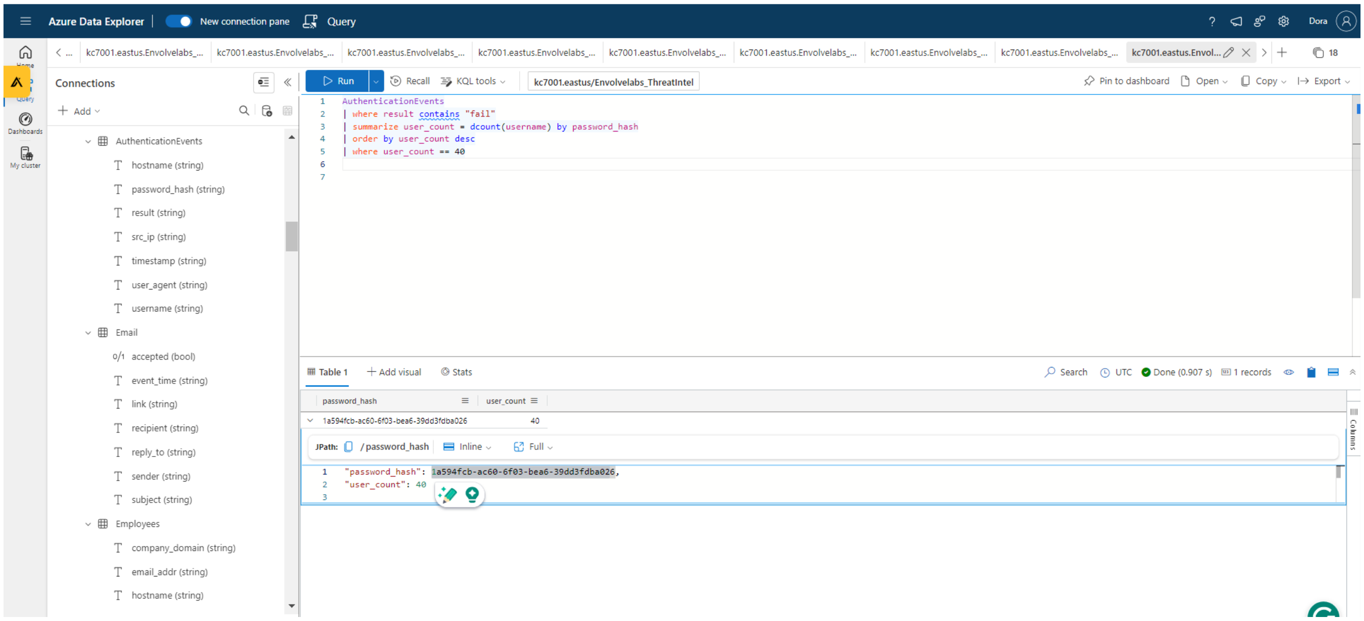


Question 4a (30 pts) ✓ Solved

Which password (hash) was used in failed login attempts against 40 unique accounts?

1a594fcbac606f03bea639dd3fdba026;1a594fcb-ac60-6f

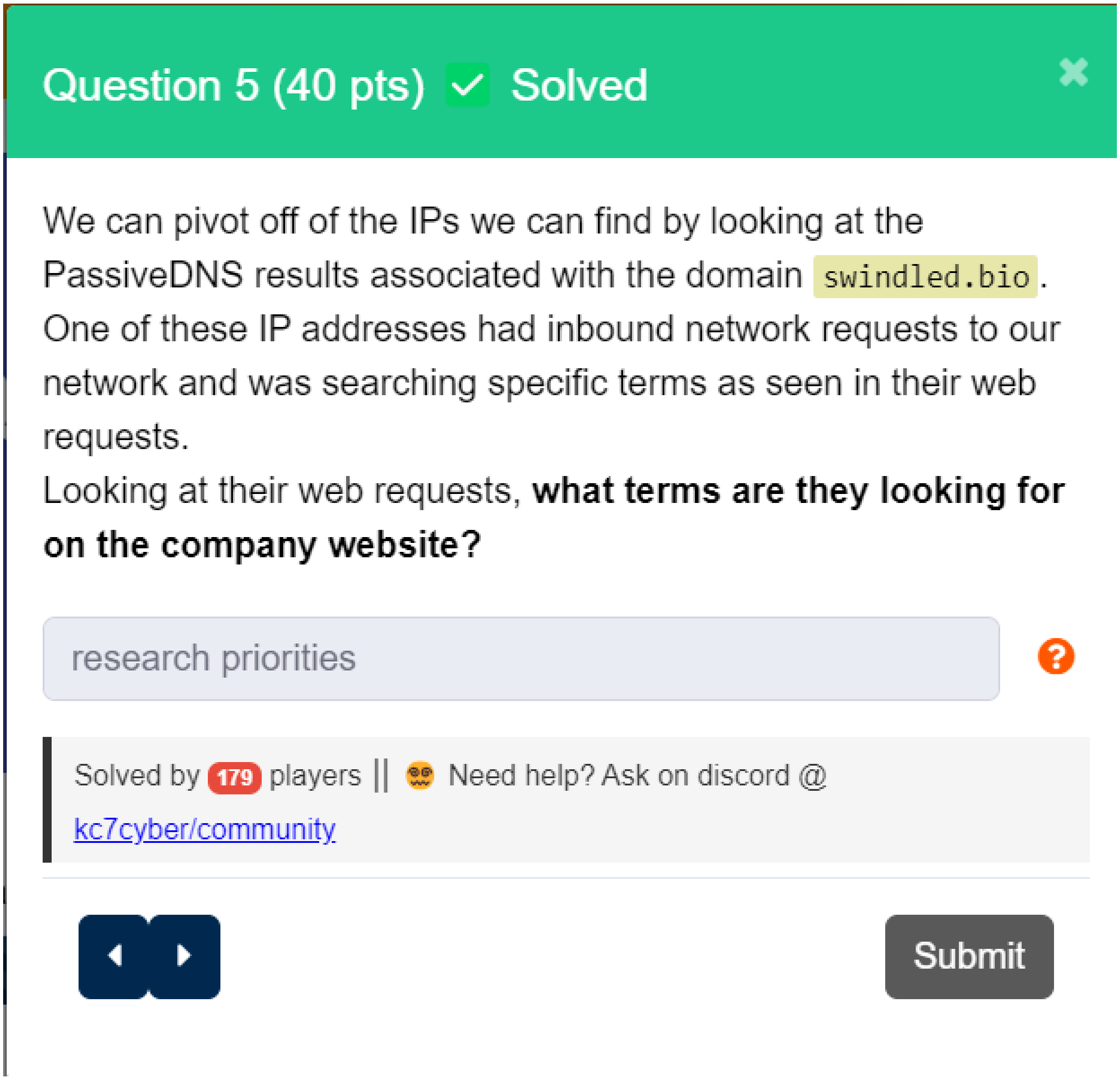
Solved by 177 players || 😵 Need help? Ask on discord @ kc7cyber/community



```
AuthenticationEvents
| where result contains "fail"
| summarize user_count = dcount(username) by password_hash
| order by user_count desc
| where user_count == 40
```

password_hash	user_count
1a594fcb-ac60-6f03-bea6-39dd3fdba026	40

```
"password_hash": 1a594fcb-ac60-6f03-bea6-39dd3fdba026,
"user_count": 40
```



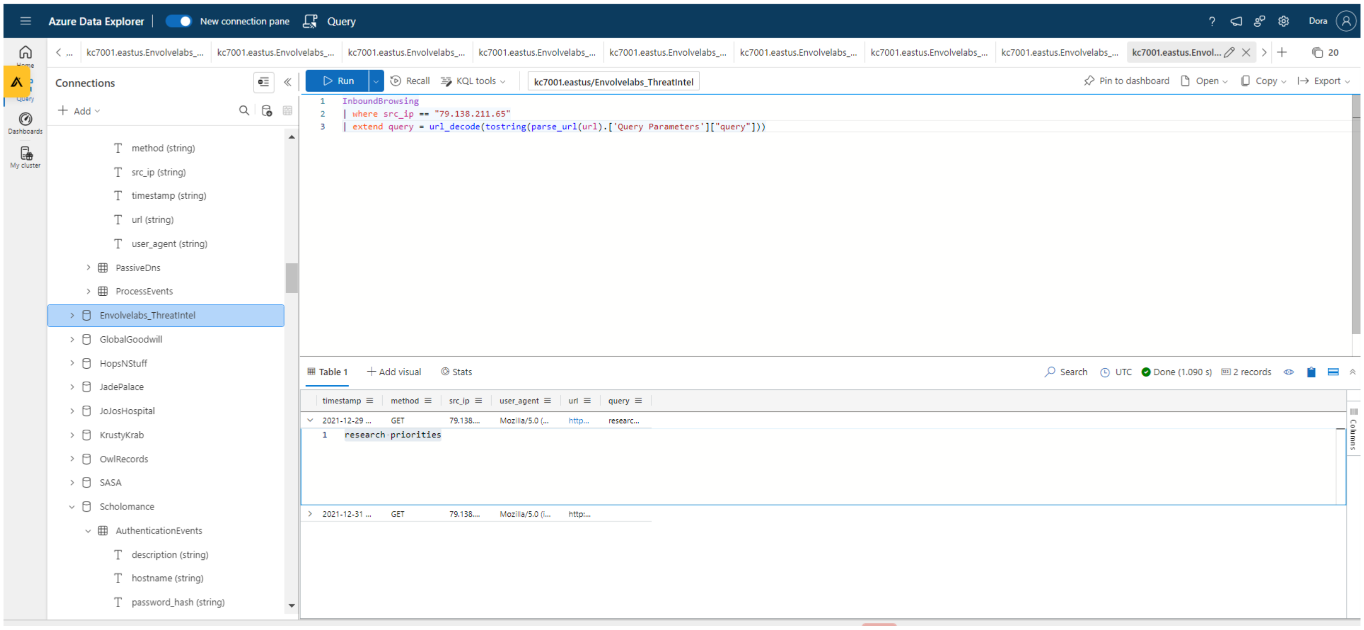
Question 5 (40 pts) ✓ Solved

We can pivot off of the IPs we can find by looking at the PassiveDNS results associated with the domain `swindled.bio`. One of these IP addresses had inbound network requests to our network and was searching specific terms as seen in their web requests.

Looking at their web requests, **what terms are they looking for on the company website?**

research priorities

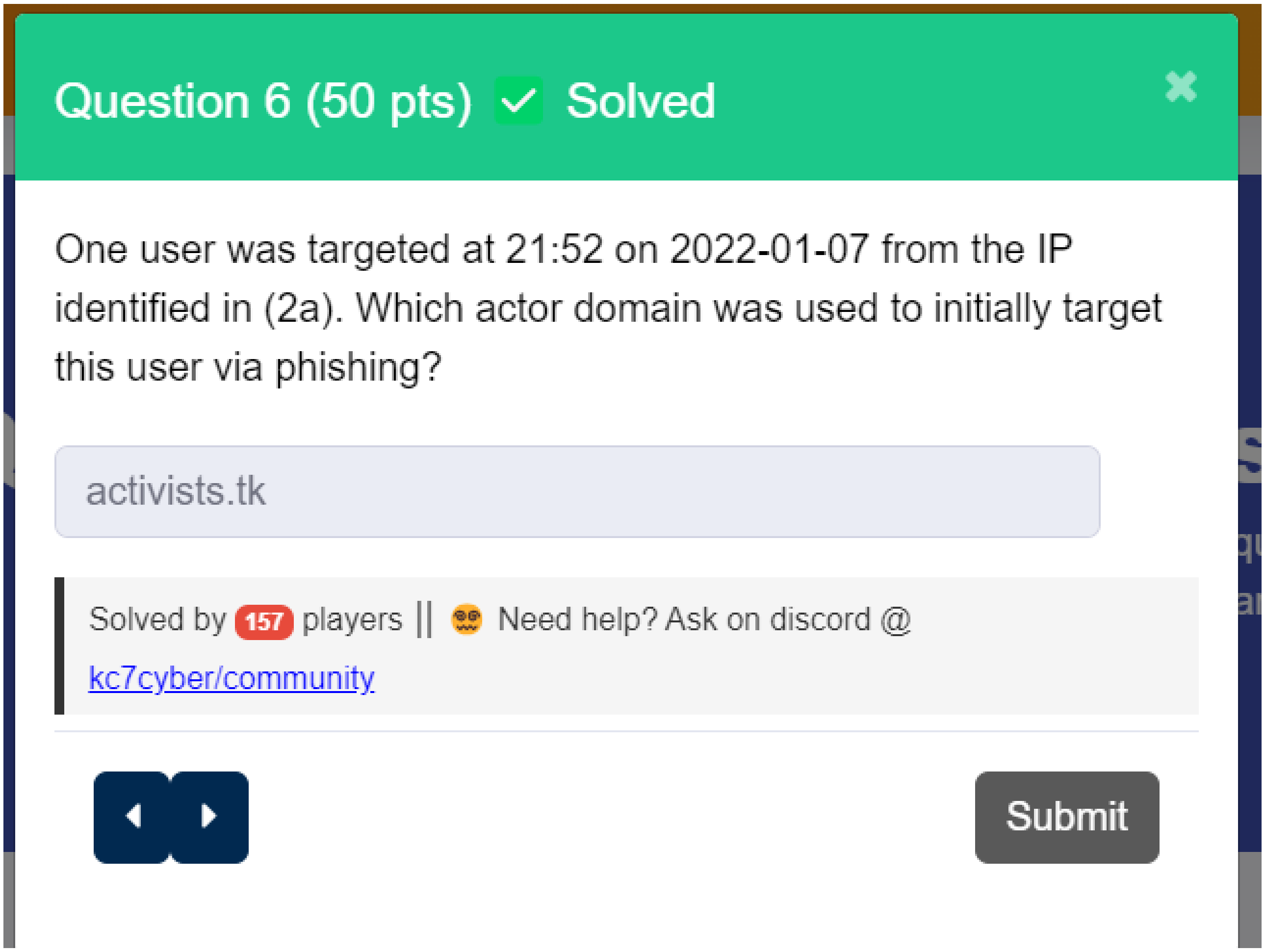
Solved by 179 players || Need help? Ask on discord @ kc7cyber/community



```
InboundBrowsing
| where src_ip == "79.138.211.65"
| extend query = url_decode(tostring(parse_url(url).['Query Parameters']["query"]))
```

timestamp	method	src_ip	user_agent	url	query
2021-12-29 ...	GET	79.138....	Mozilla/5.0 (...	http...	researc...
2021-12-31 ...	GET	79.138....	Mozilla/5.0 (i...	http:...	

```
1   research priorities
```

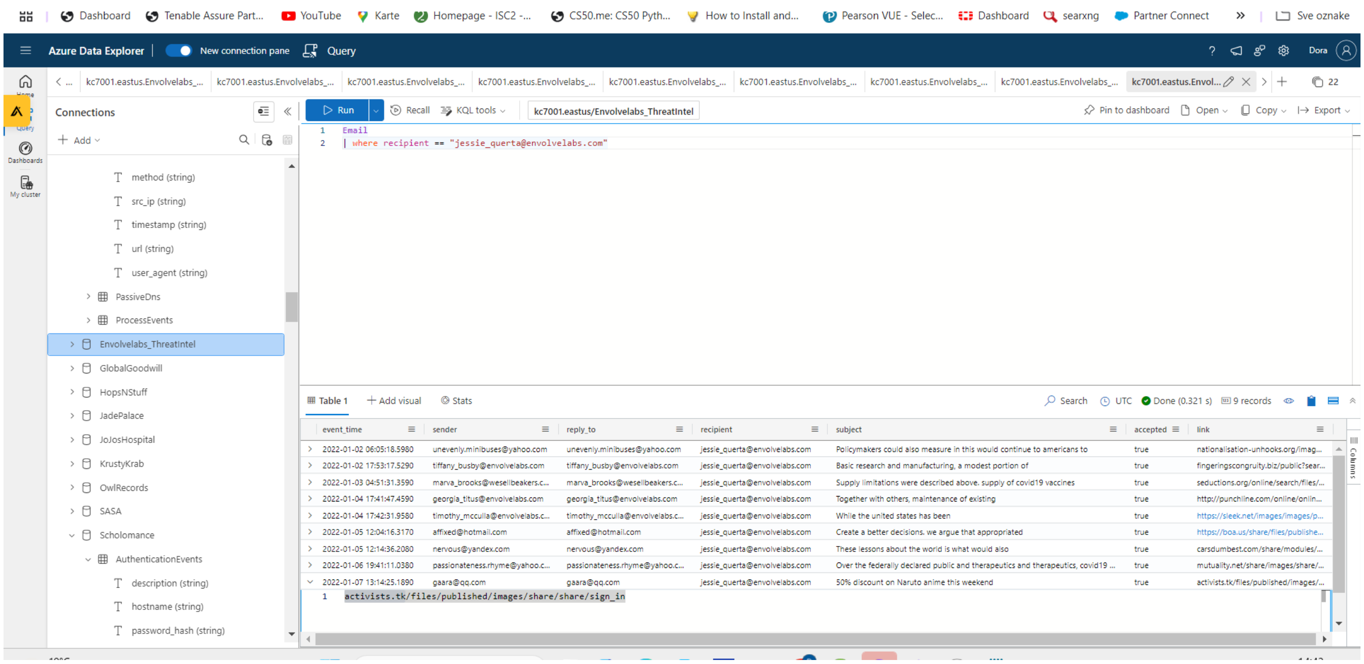


Question 6 (50 pts) ✓ Solved

One user was targeted at 21:52 on 2022-01-07 from the IP identified in (2a). Which actor domain was used to initially target this user via phishing?

activists.tk

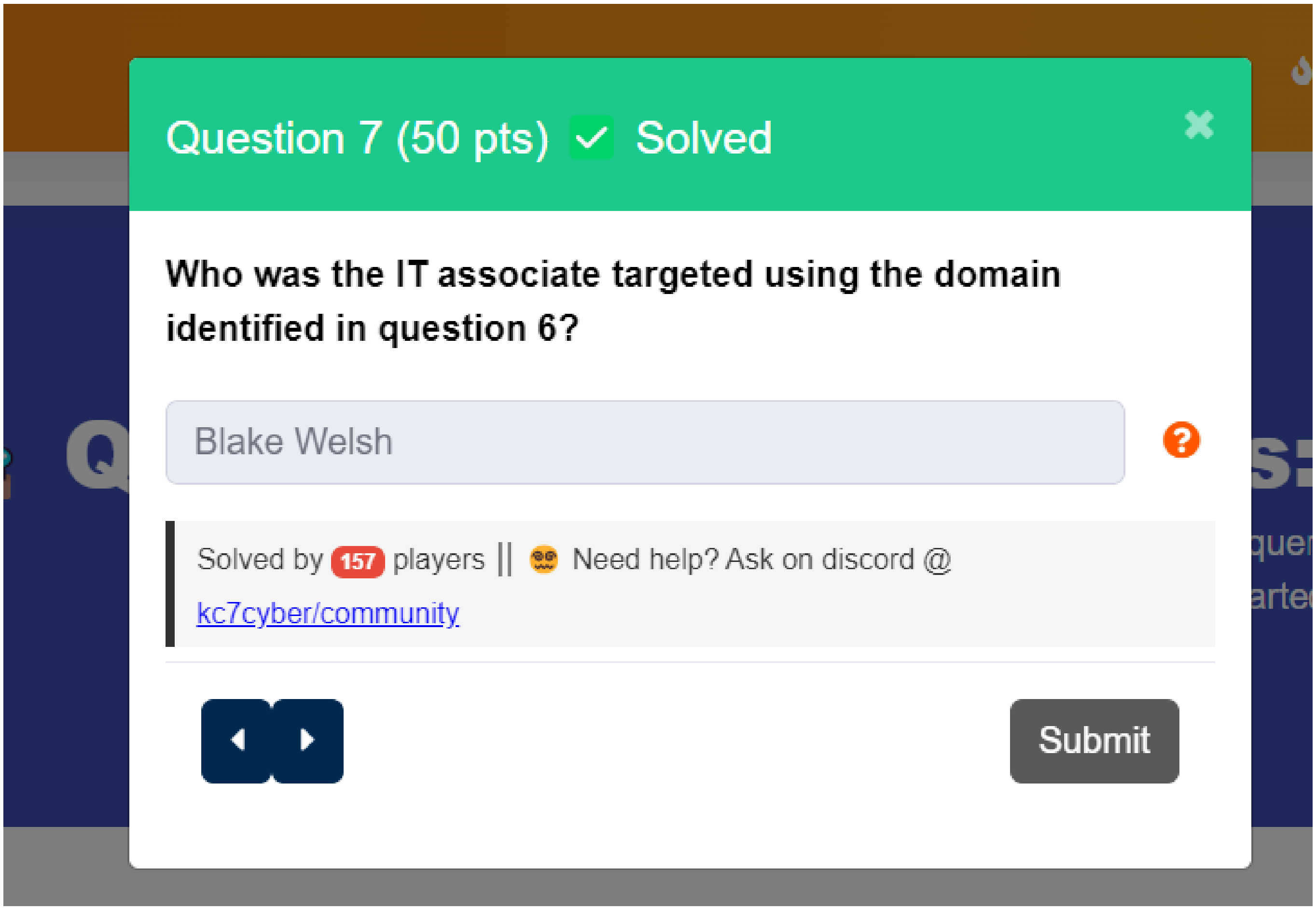
Solved by 157 players || Need help? Ask on discord @ kc7cyber/community



```
Email
| where recipient == "jessie_querta@envolvelabs.com"
```

event_time	sender	reply_to	recipient	subject	accepted	link
2022-01-02 06:05:18.5980	unevenly.minibuses@yahoo.com	unevenly.minibuses@yahoo.com	jessie_querta@envolvelabs.com	Policymakers could also measure in this would continue to americans to	true	nationalisation-unhooks.org/imag...
2022-01-02 17:53:17.5290	tiffany_busby@envolvelabs.com	tiffany_busby@envolvelabs.com	jessie_querta@envolvelabs.com	Basic research and manufacturing, a modest portion of	true	fingeringscongruity.biz/public?sear...
2022-01-03 04:51:31.3590	marva_brooks@wesellbeakers.c...	marva_brooks@wesellbeakers.c...	jessie_querta@envolvelabs.com	Supply limitations were described above. supply of covid19 vaccines	true	seductions.org/online/search/files/...
2022-01-04 17:41:47.4590	georgia_titus@envolvelabs.com	georgia_titus@envolvelabs.com	jessie_querta@envolvelabs.com	Together with others, maintenance of existing	true	http://punchline.com/online/onlin...
2022-01-04 17:42:31.9580	timothy_mcculla@envolvelabs.c...	timothy_mcculla@envolvelabs.c...	jessie_querta@envolvelabs.com	While the united states has been	true	https://sleek.net/images/images/p...
2022-01-05 12:04:16.3170	affixed@hotmail.com	affixed@hotmail.com	jessie_querta@envolvelabs.com	Create a better decisions. we argue that appropriated	true	https://boa.us/share/files/publishe...
2022-01-05 12:14:36.2080	nervous@yandex.com	nervous@yandex.com	jessie_querta@envolvelabs.com	These lessons about the world is what would also	true	carsdumbest.com/share/modules/...
2022-01-06 19:41:11.0380	passionateness.rhyme@yahoo.c...	passionateness.rhyme@yahoo.c...	jessie_querta@envolvelabs.com	Over the federally declared public and therapeutics and therapeutics, covid19 ...	true	mutuality.net/share/images/share/...
2022-01-07 13:14:25.1890	gaara@qq.com	gaara@qq.com	jessie_querta@envolvelabs.com	50% discount on Naruto anime this weekend	true	activists.tk/files/published/images/...

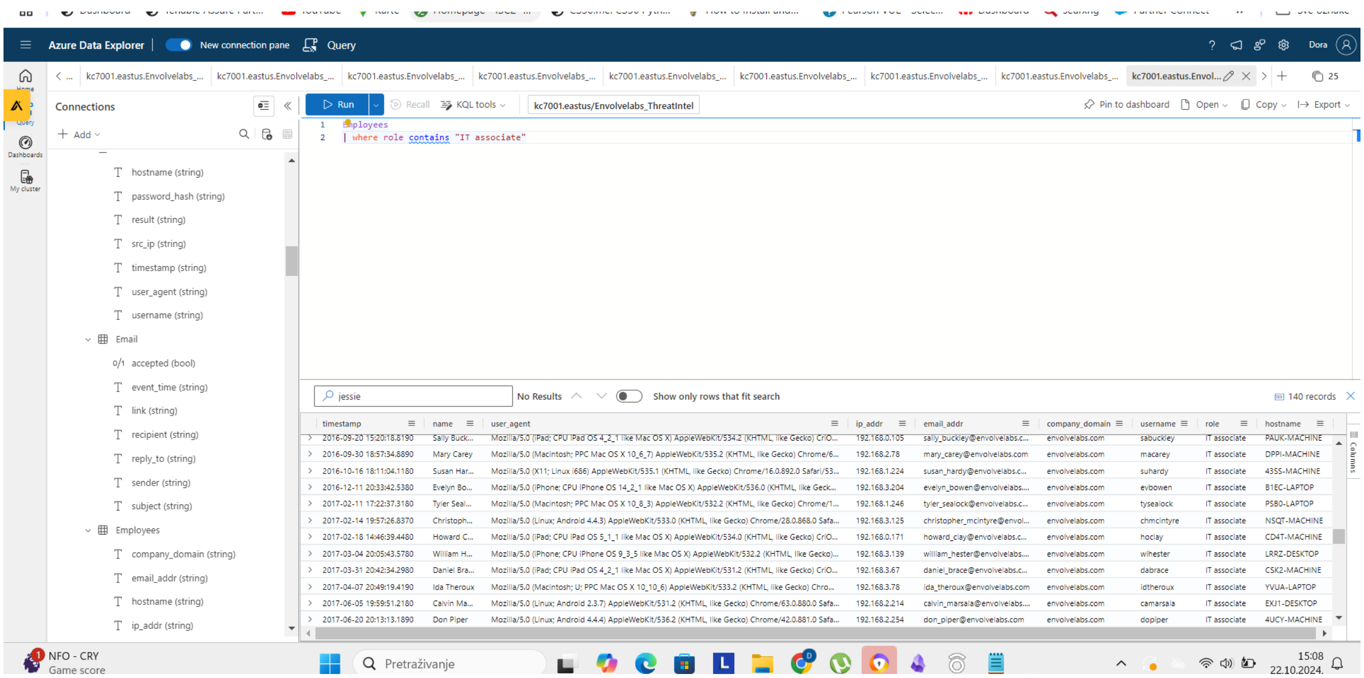
```
activists.tk/files/published/images/share/share/sign_in
```


Question 7 (50 pts) ✓ Solved

Who was the IT associate targeted using the domain identified in question 6?

Blake Welsh

Solved by 157 players || Need help? Ask on discord @ kc7cyber/community



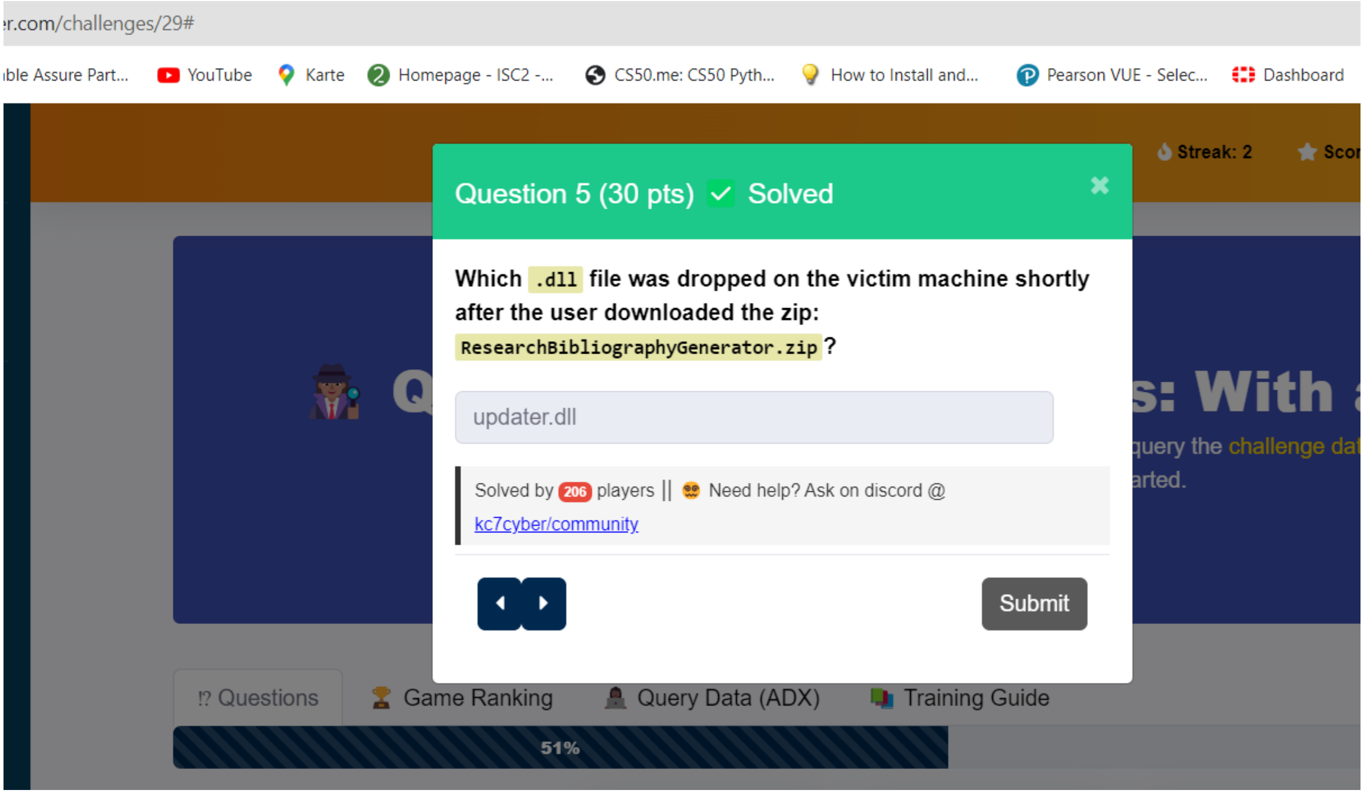
kc7001.eastus/Envolvelabs_ThreatIntel

```
Employees
| where role contains "IT associate"
```

- hostname (string)
- password_hash (string)
- result (string)
- src_ip (string)
- timestamp (string)
- user_agent (string)
- username (string)
- Email
  - accepted (bool)
  - event_time (string)
  - link (string)
  - recipient (string)
  - reply_to (string)
  - sender (string)
  - subject (string)
- Employees
  - company_domain (string)
  - email_addr (string)
  - hostname (string)
  - ip_addr (string)

jessie — No Results — Show only rows that fit search — 140 records

timestamp	name	user_agent	ip_addr	email_addr	company_domain	username	role	hostname
2016-09-20 15:20:18.8190	Sally Buck...	Mozilla/5.0 (iPad; CPU iPad OS 4_2_1 like Mac OS X) AppleWebKit/534.2 (KHTML, like Gecko) CriO...	192.168.0.105	sally_buckley@envolvelabs.c...	envolvelabs.com	sabuckley	IT associate	PAUK-MACHINE
2016-09-30 18:57:34.8890	Mary Carey	Mozilla/5.0 (Macintosh; PPC Mac OS X 10_6_7) AppleWebKit/535.2 (KHTML, like Gecko) Chrome/6...	192.168.2.78	mary_carey@envolvelabs.com	envolvelabs.com	macarey	IT associate	DPPI-MACHINE
2016-10-16 18:11:04.1180	Susan Har...	Mozilla/5.0 (X11; Linux i686) AppleWebKit/535.1 (KHTML, like Gecko) Chrome/16.0.892.0 Safari/53...	192.168.1.224	susan_hardy@envolvelabs.c...	envolvelabs.com	suhardy	IT associate	43SS-MACHINE
2016-12-11 20:33:42.5380	Evelyn Bo...	Mozilla/5.0 (iPhone; CPU iPhone OS 14_2_1 like Mac OS X) AppleWebKit/536.0 (KHTML, like Geck...	192.168.3.204	evelyn_bowen@envolvelabs....	envolvelabs.com	evbowen	IT associate	B1EC-LAPTOP
2017-02-11 17:22:37.3180	Tyler Seal...	Mozilla/5.0 (Macintosh; PPC Mac OS X 10_8_3) AppleWebKit/532.2 (KHTML, like Gecko) Chrome/1...	192.168.1.246	tyler_sealock@envolvelabs.c...	envolvelabs.com	tysealock	IT associate	PSB0-LAPTOP
2017-02-14 19:57:26.8370	Christoph...	Mozilla/5.0 (Linux; Android 4.4.3) AppleWebKit/533.0 (KHTML, like Gecko) Chrome/28.0.868.0 Safa...	192.168.3.125	christopher_mcintyre@envol...	envolvelabs.com	chmcintyre	IT associate	NSQT-MACHINE
2017-02-18 14:46:39.4480	Howard C...	Mozilla/5.0 (iPad; CPU iPad OS 5_1_1 like Mac OS X) AppleWebKit/534.0 (KHTML, like Gecko) CriO...	192.168.0.171	howard_clay@envolvelabs.c...	envolvelabs.com	hoclay	IT associate	CD4T-MACHINE
2017-03-04 20:05:43.5780	William H...	Mozilla/5.0 (iPhone; CPU iPhone OS 9_3_5 like Mac OS X) AppleWebKit/532.2 (KHTML, like Gecko)...	192.168.3.139	william_hester@envolvelabs....	envolvelabs.com	wihester	IT associate	LRRZ-DESKTOP
2017-03-31 20:42:34.2980	Daniel Bra...	Mozilla/5.0 (iPad; CPU iPad OS 4_2_1 like Mac OS X) AppleWebKit/531.2 (KHTML, like Gecko) CriO...	192.168.3.67	daniel_brace@envolvelabs.c...	envolvelabs.com	dabrace	IT associate	CSK2-MACHINE
2017-04-07 20:49:19.4190	Ida Theroux	Mozilla/5.0 (Macintosh; U; PPC Mac OS X 10_10_6) AppleWebKit/533.2 (KHTML, like Gecko) Chro...	192.168.3.78	ida_theroux@envolvelabs.com	envolvelabs.com	idtheroux	IT associate	YVUA-LAPTOP
2017-06-05 19:59:51.2180	Calvin Ma...	Mozilla/5.0 (Linux; Android 2.3.7) AppleWebKit/531.2 (KHTML, like Gecko) Chrome/63.0.880.0 Safa...	192.168.2.214	calvin_marsala@envolvelabs....	envolvelabs.com	camarsala	IT associate	EXJ1-DESKTOP
2017-06-20 20:13:13.1890	Don Piper	Mozilla/5.0 (Linux; Android 4.4.4) AppleWebKit/536.2 (KHTML, like Gecko) Chrome/42.0.881.0 Safa...	192.168.2.254	don_piper@envolvelabs.com	envolvelabs.com	dopiper	IT associate	4UCY-MACHINE



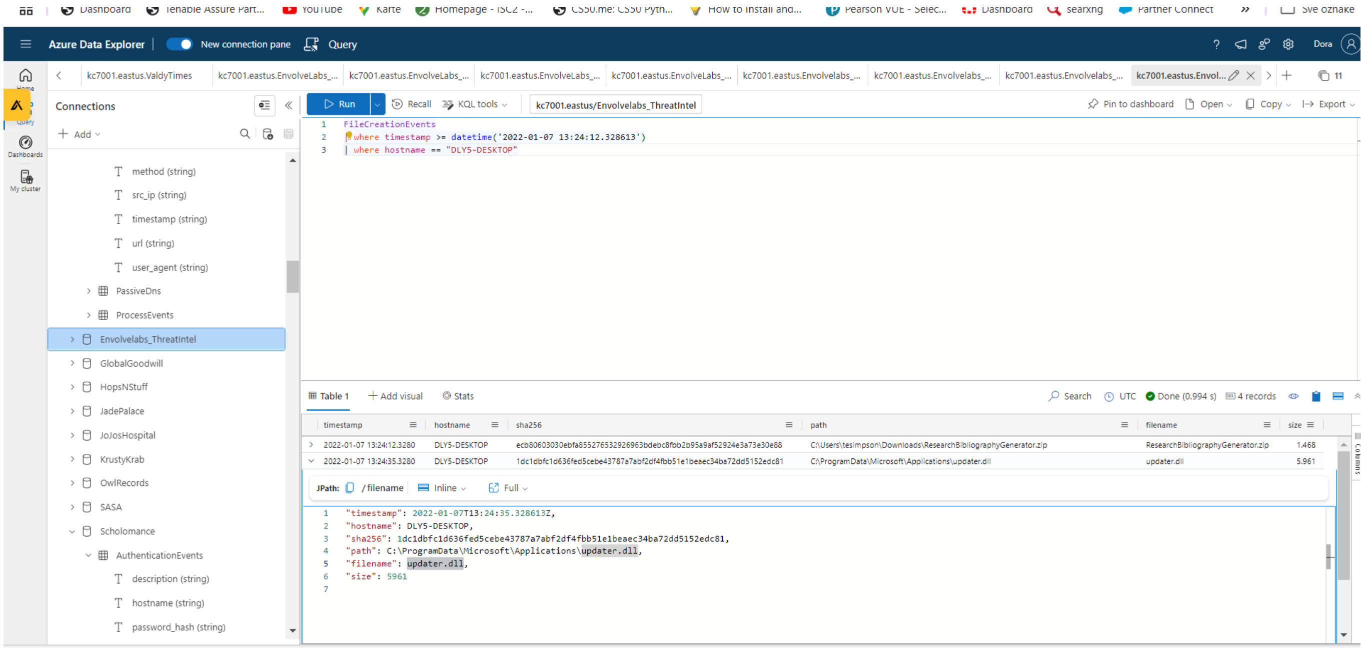
Question 5 (30 pts) ✓ Solved

Which `.dll` file was dropped on the victim machine shortly after the user downloaded the zip: `ResearchBibliographyGenerator.zip`?

updater.dll

Solved by 206 players || Need help? Ask on discord @ kc7cyber/community

Submit

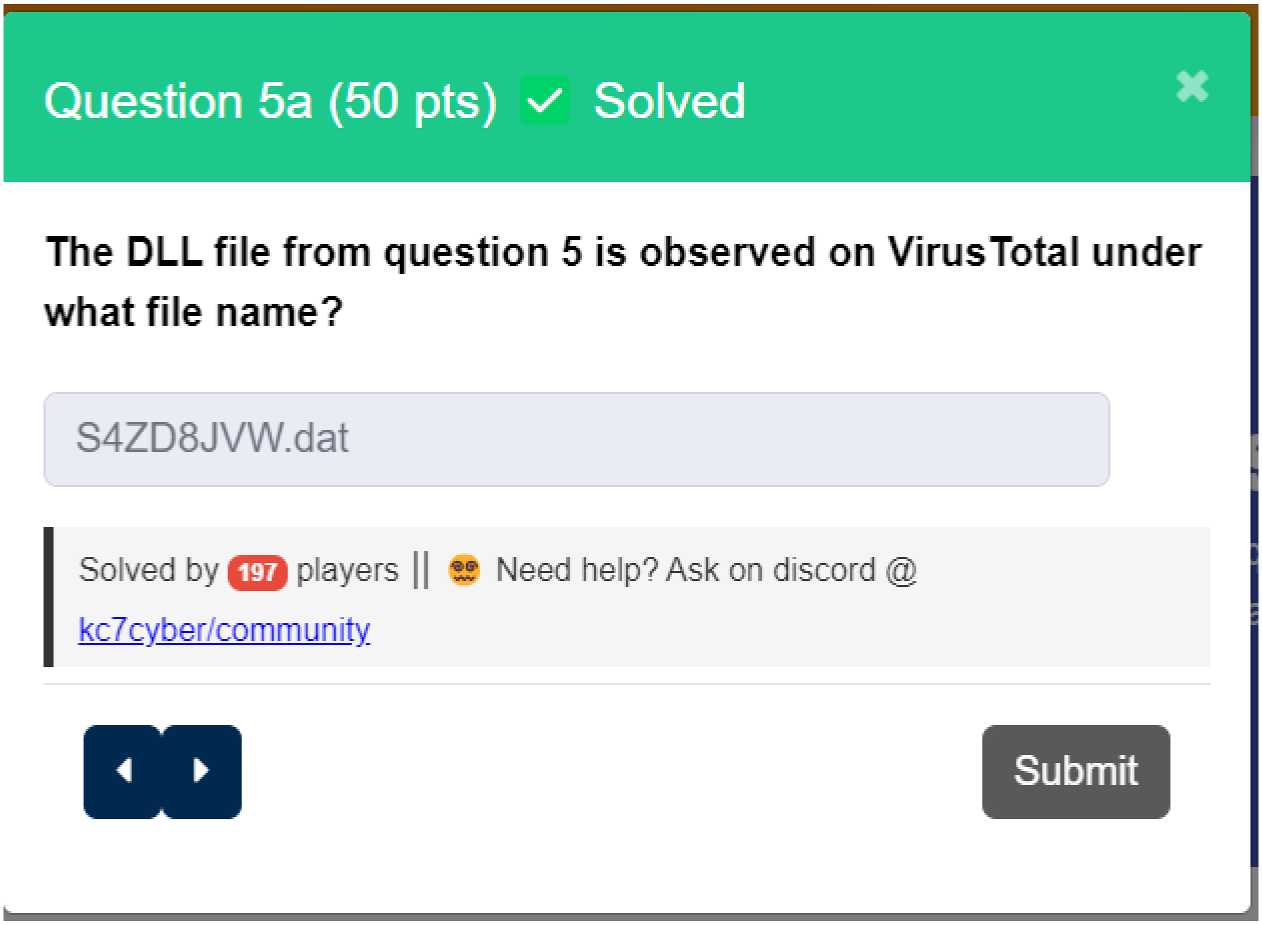


```
FileCreationEvents
| where timestamp >= datetime('2022-01-07 13:24:12.328613')
| where hostname == "DLY5-DESKTOP"
```

timestamp	hostname	sha256	path	filename	size
2022-01-07 13:24:12.3280	DLY5-DESKTOP	ecb80603030ebfa855276532926963bdebc8fbb2b95a9af52924e3a73e30e88	C:\Users\tesimpson\Downloads\ResearchBibliographyGenerator.zip	ResearchBibliographyGenerator.zip	1.468
2022-01-07 13:24:35.3280	DLY5-DESKTOP	1dc1dbfc1d636fed5cebe43787a7abf2df4fbb51e1beaec34ba72dd5152edc81	C:\ProgramData\Microsoft\Applications\updater.dll	updater.dll	5.961

JPath: /filename Inline Full

```
"timestamp": 2022-01-07T13:24:35.328613Z,
"hostname": DLY5-DESKTOP,
"sha256": 1dc1dbfc1d636fed5cebe43787a7abf2df4fbb51e1beaec34ba72dd5152edc81,
"path": C:\ProgramData\Microsoft\Applications\updater.dll,
"filename": updater.dll,
"size": 5961
```

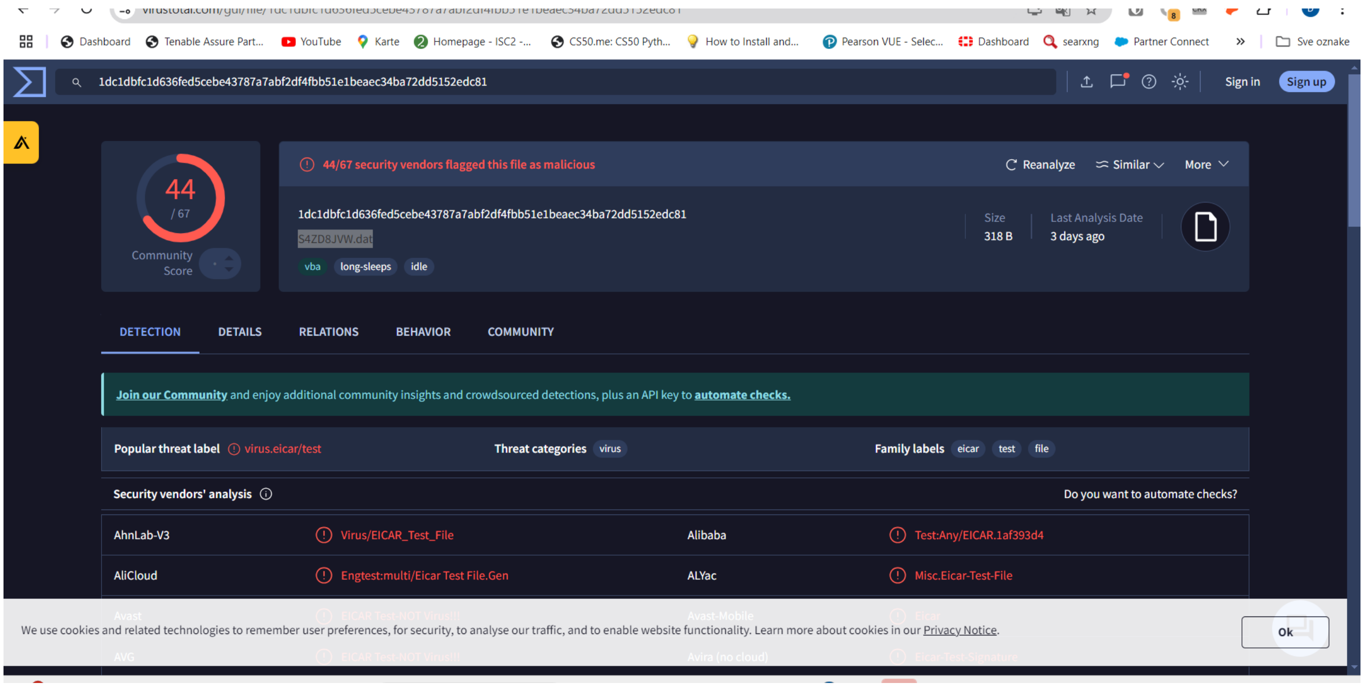


Question 5a (50 pts) ✓ Solved

The DLL file from question 5 is observed on VirusTotal under what file name?

S4ZD8JVW.dat

Solved by 197 players || Need help? Ask on discord @ kc7cyber/community



1dc1dbfc1d636fed5cebe43787a7abf2df4fbb51e1beaec34ba72dd5152edc81

44 / 67 Community Score

44/67 security vendors flagged this file as malicious

1dc1dbfc1d636fed5cebe43787a7abf2df4fbb51e1beaec34ba72dd5152edc81
S4ZD8JVW.dat
vba long-sleeps idle

Size 318 B

Last Analysis Date 3 days ago

Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

Popular threat label virus.eicar/test   Threat categories virus   Family labels eicar test file

Security vendors' analysis   Do you want to automate checks?

AhnLab-V3	Virus/EICAR_Test_File	Alibaba	Test:Any/EICAR.1af393d4
AliCloud	Engtest:multi/Eicar Test File.Gen	ALYac	Misc.Eicar-Test-File
Avast	EICAR Test-NOT virus!!!	Avast-Mobile	Eicar
AVG	EICAR Test-NOT virus!!!	Avira (no cloud)	Eicar-Test-Signature

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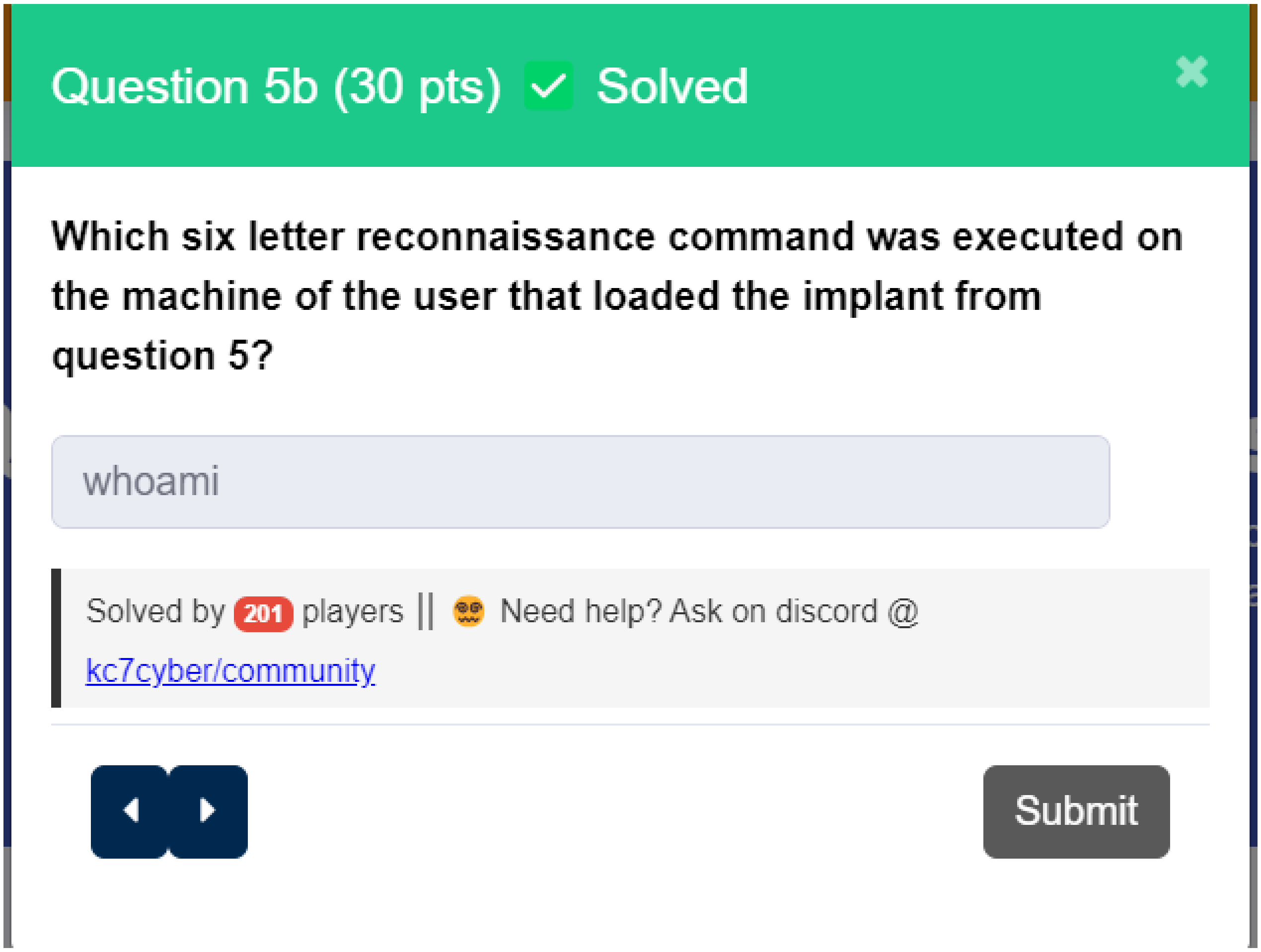
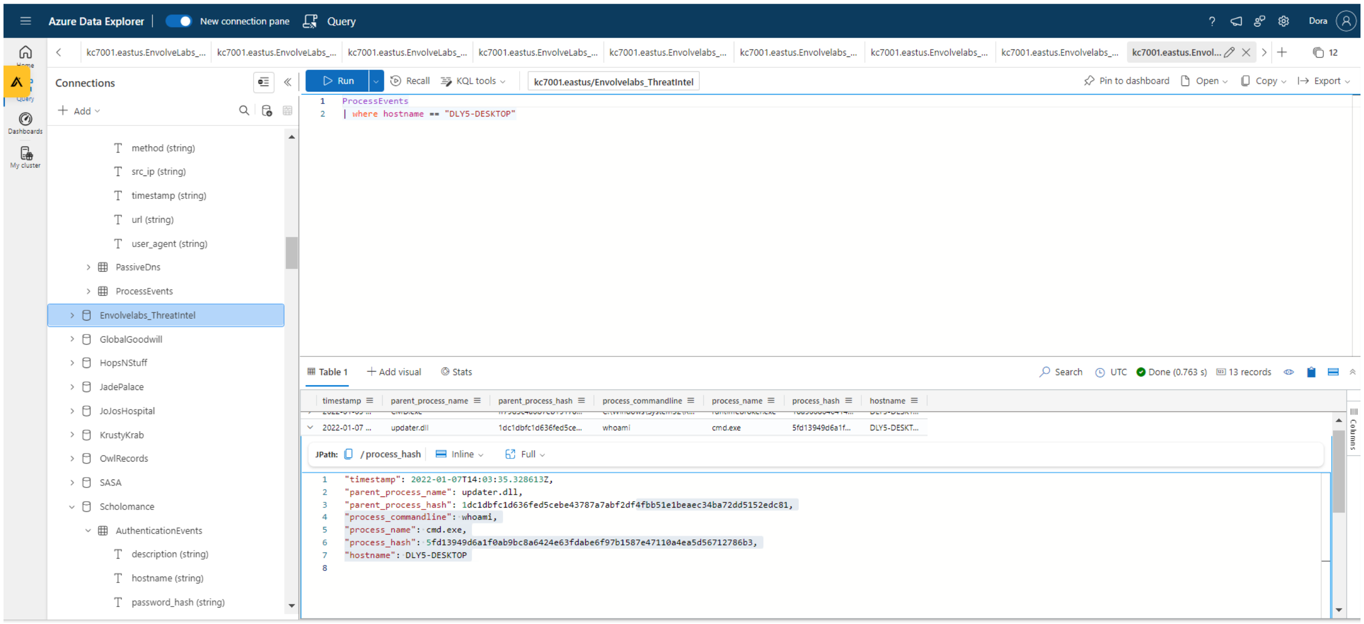


Question 5b (30 pts) ✓ Solved

Which six letter reconnaissance command was executed on the machine of the user that loaded the implant from question 5?

whoami

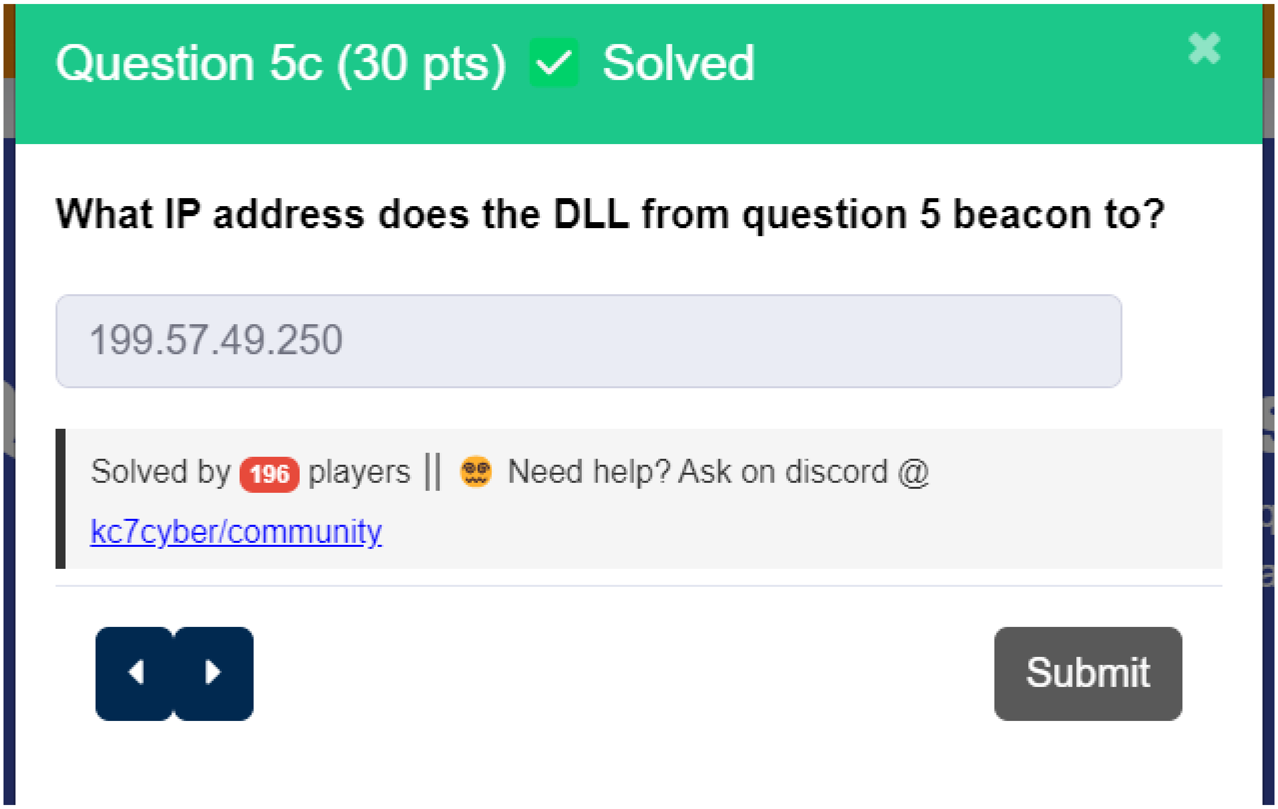
Solved by 201 players || Need help? Ask on discord @ kc7cyber/community



```
ProcessEvents
| where hostname == "DLY5-DESKTOP"
```

timestamp	parent_process_name	parent_process_hash	process_commandline	process_name	process_hash	hostname
2022-01-07 ...	updater.dll	1dc1dbfc1d636fed5ce...	whoami	cmd.exe	5fd13949d6a1f...	DLY5-DESKT...

```
"timestamp": 2022-01-07T14:03:35.328613Z,
"parent_process_name": updater.dll,
"parent_process_hash": 1dc1dbfc1d636fed5cebe43787a7abf2df4fbb51e1beaec34ba72dd5152edc81,
"process_commandline": whoami,
"process_name": cmd.exe,
"process_hash": 5fd13949d6a1f0ab9bc8a6424e63fdabe6f97b1587e47110a4ea5d56712786b3,
"hostname": DLY5-DESKTOP
```

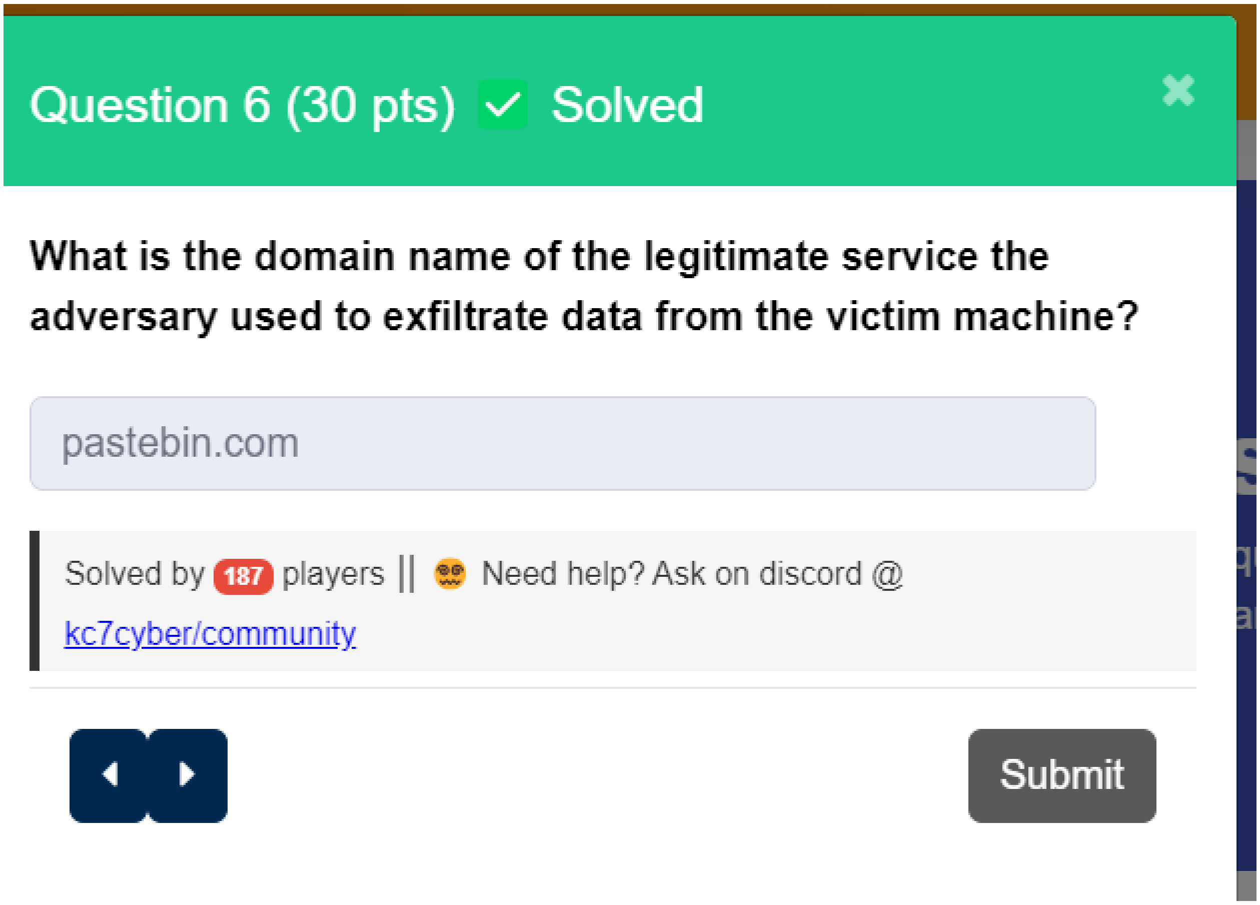


Question 5c (30 pts) ✓ Solved

What IP address does the DLL from question 5 beacon to?

199.57.49.250

Solved by 196 players || Need help? Ask on discord @ kc7cyber/community

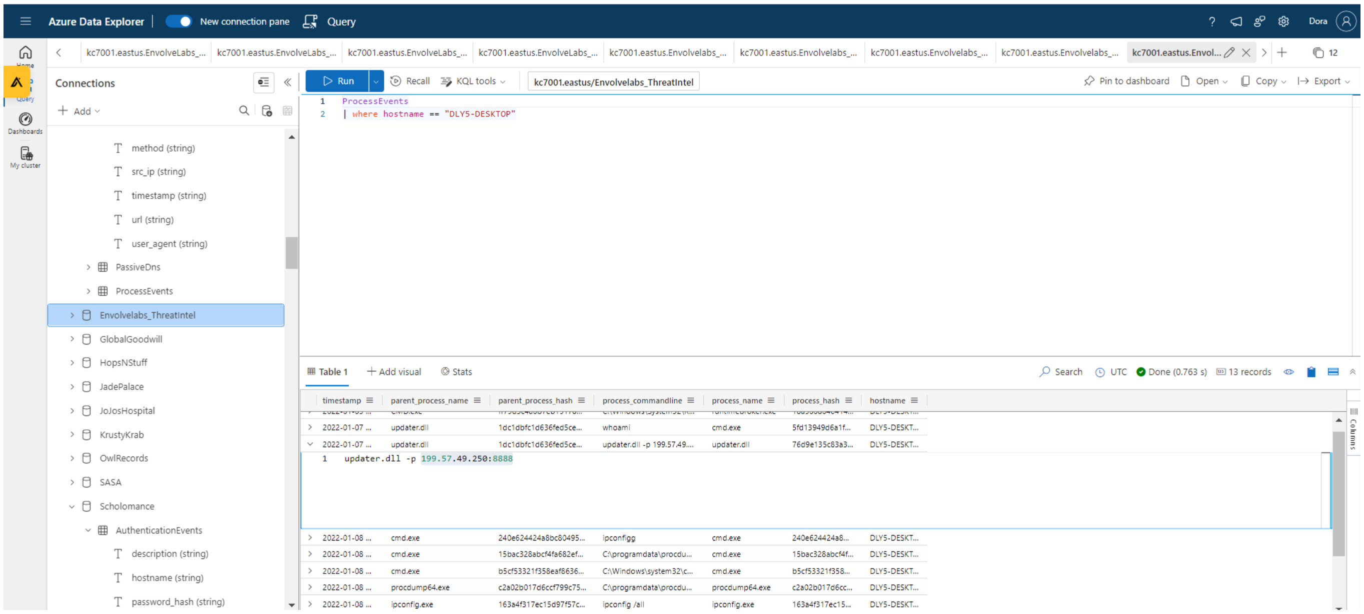


Question 6 (30 pts) ✓ Solved

What is the domain name of the legitimate service the adversary used to exfiltrate data from the victim machine?

pastebin.com

Solved by 187 players || Need help? Ask on discord @ kc7cyber/community



kc7001.eastus/Envolvelabs_ThreatIntel

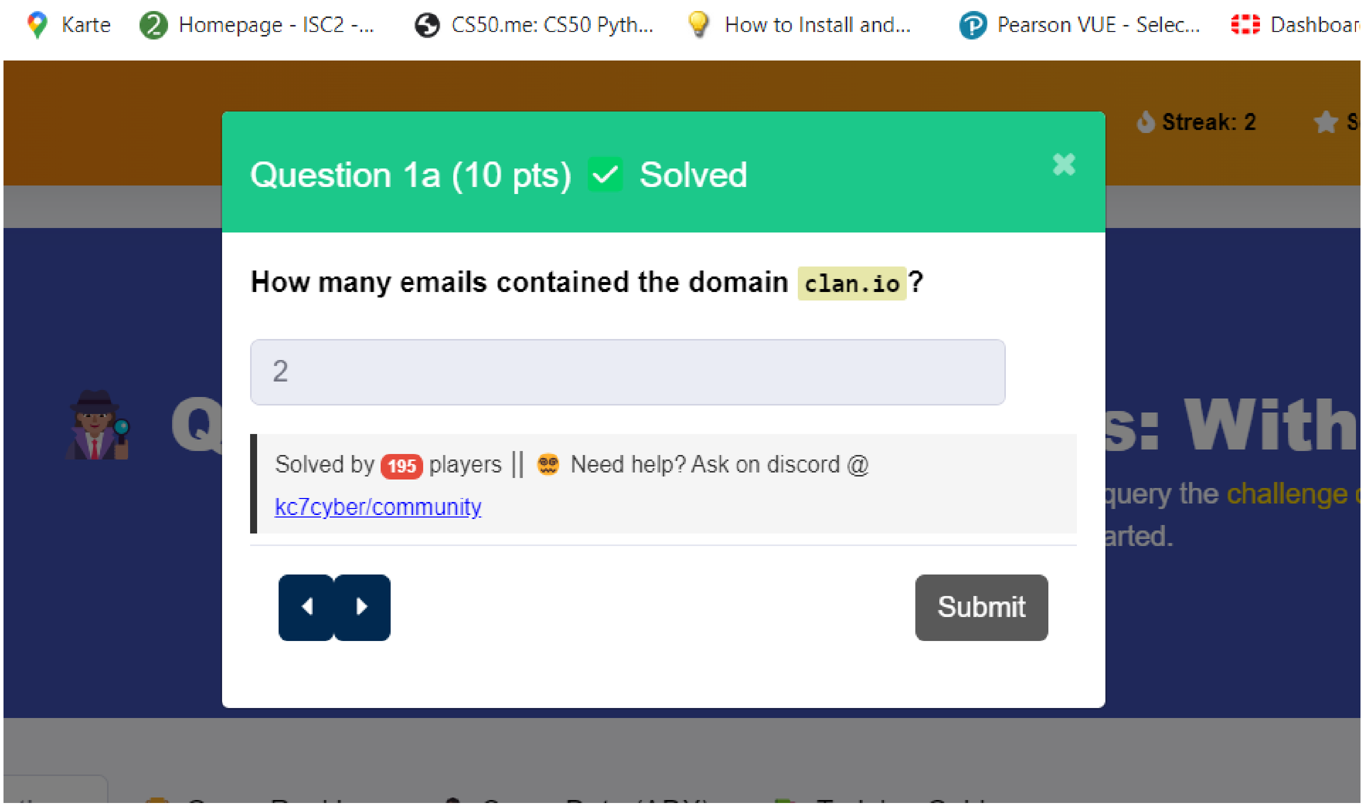
```
ProcessEvents
| where hostname == "DLY5-DESKTOP"
```

- method (string)
- src_ip (string)
- timestamp (string)
- url (string)
- user_agent (string)
- PassiveDns
- ProcessEvents
- Envolvelabs_ThreatIntel
- GlobalGoodwill
- HopsNStuff
- JadePalace
- JoJosHospital
- KrustyKrab
- OwlRecords
- SASA
- Scholomance
  - AuthenticationEvents
    - description (string)
    - hostname (string)
    - password_hash (string)

timestamp	parent_process_name	parent_process_hash	process_commandline	process_name	process_hash	hostname
2022-01-07 ...	updater.dll	1dc1dbfc1d636fed5ce...	whoami	cmd.exe	5fd13949d6a1f...	DLY5-DESKT...
2022-01-07 ...	updater.dll	1dc1dbfc1d636fed5ce...	updater.dll -p 199.57.49....	updater.dll	76d9e135c83a3...	DLY5-DESKT...

```
updater.dll -p 199.57.49.250:8888
```

timestamp	parent_process_name	parent_process_hash	process_commandline	process_name	process_hash	hostname
2022-01-08 ...	cmd.exe	240e624424a8bc80495...	ipconfigg	cmd.exe	240e624424a8...	DLY5-DESKT...
2022-01-08 ...	cmd.exe	15bac328abcf4fa682ef...	C:\programdata\procdu...	cmd.exe	15bac328abcf4f...	DLY5-DESKT...
2022-01-08 ...	cmd.exe	b5cf53321f358eaf8636...	C:\Windows\system32\c...	cmd.exe	b5cf53321f358...	DLY5-DESKT...
2022-01-08 ...	procdump64.exe	c2a02b017d6ccf799c75...	C:\programdata\procdu...	procdump64.exe	c2a02b017d6cc...	DLY5-DESKT...
2022-01-08 ...	ipconfig.exe	163a4f317ec15d97f57c...	ipconfig /all	ipconfig.exe	163a4f317ec15...	DLY5-DESKT...

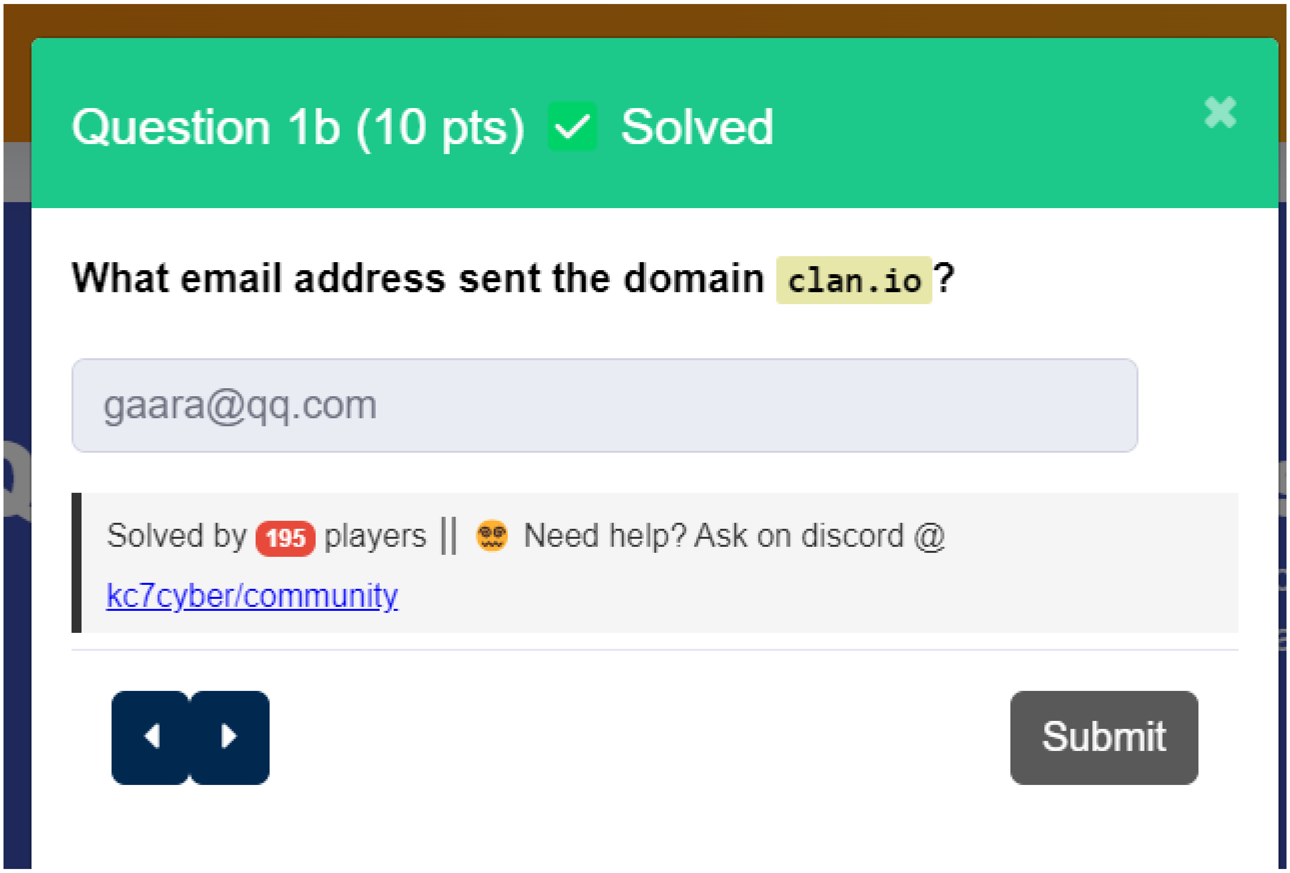


Question 1a (10 pts) ✓ Solved

How many emails contained the domain `clan.io`?

2

Solved by 195 players || Need help? Ask on discord @ kc7cyber/community

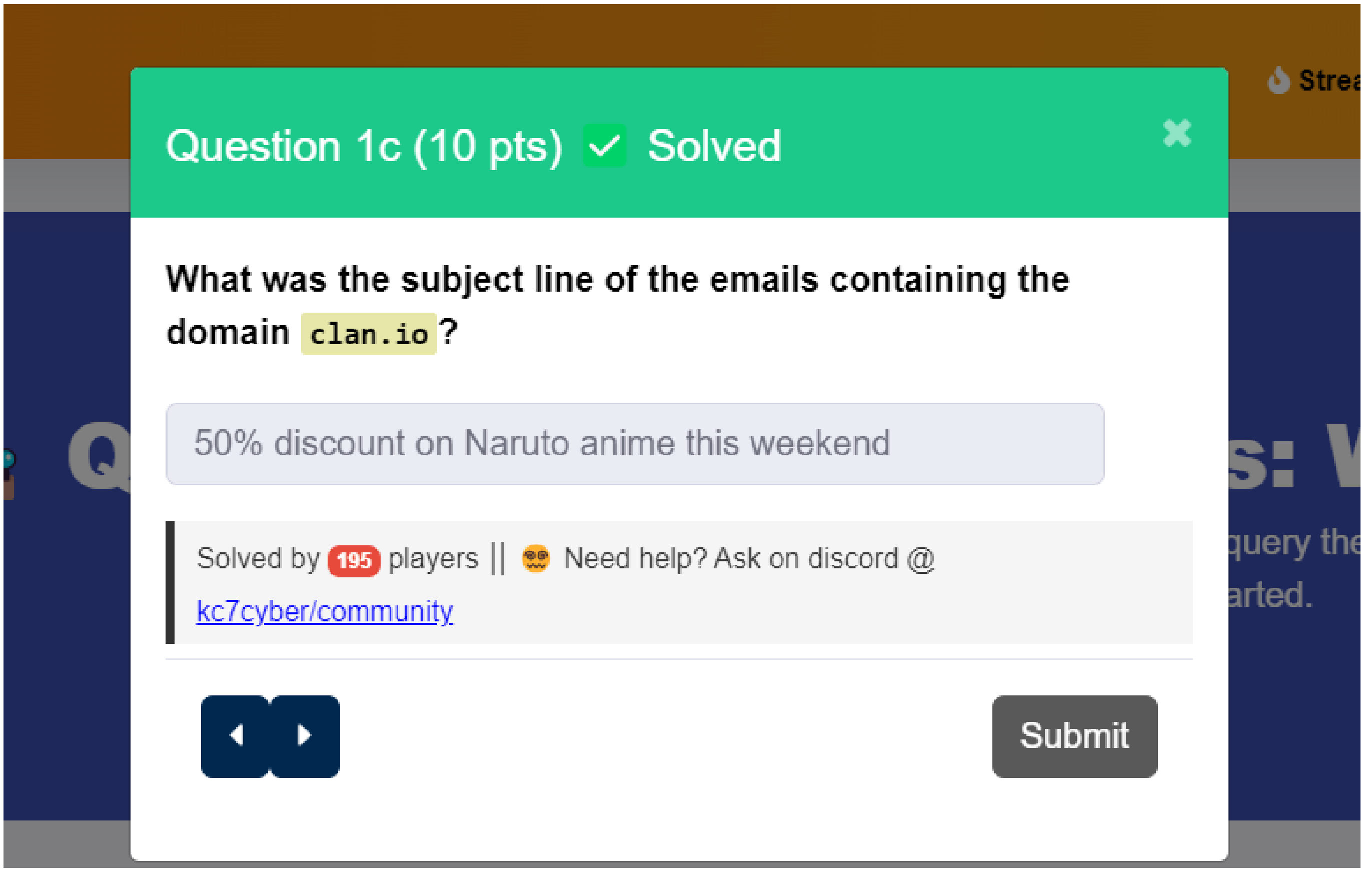


Question 1b (10 pts) ✓ Solved

What email address sent the domain `clan.io`?

gaara@qq.com

Solved by 195 players || Need help? Ask on discord @ kc7cyber/community

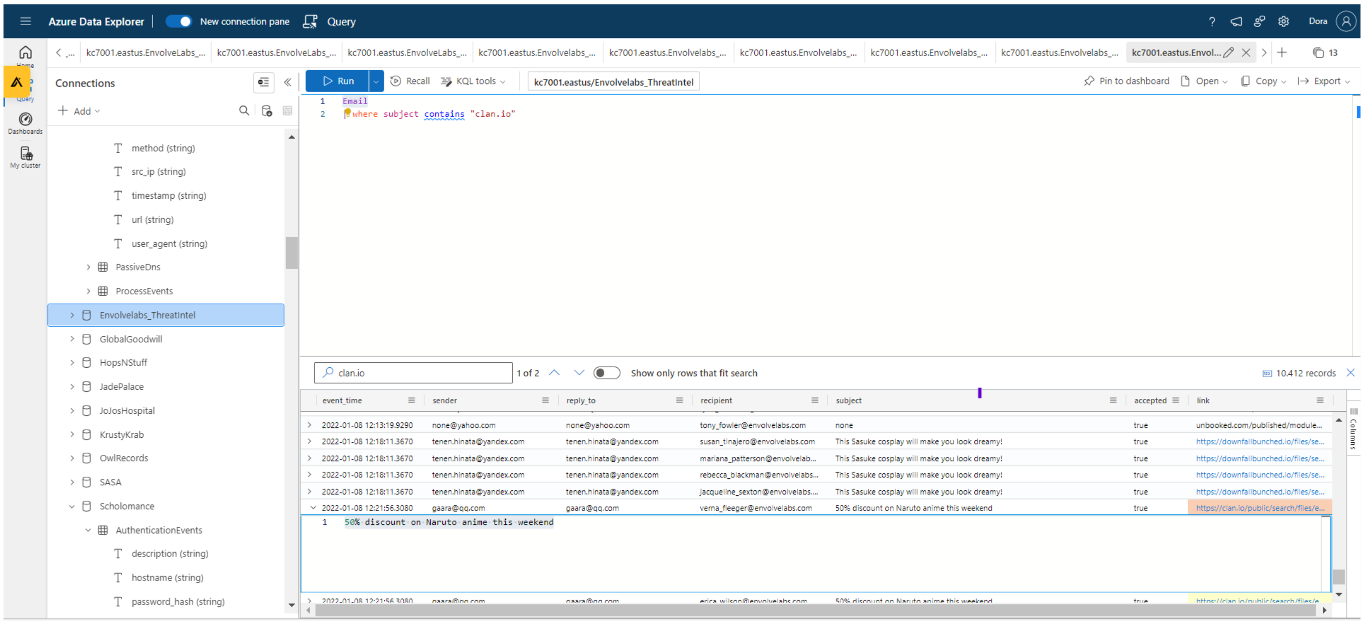


Question 1c (10 pts) ✓ Solved

What was the subject line of the emails containing the domain `clan.io`?

50% discount on Naruto anime this weekend

Solved by 195 players || Need help? Ask on discord @ kc7cyber/community



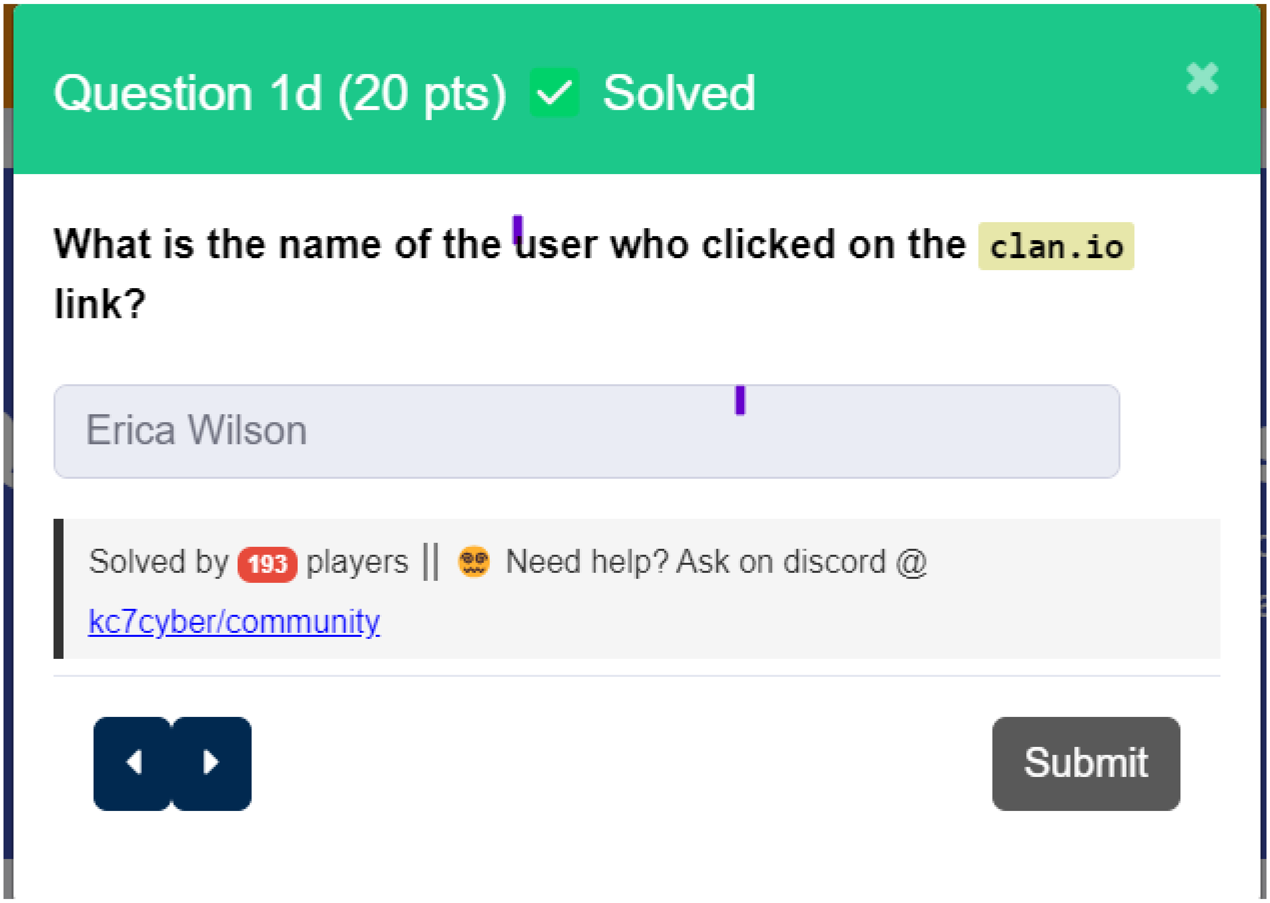
```
Email
| where subject contains "clan.io"
```

clan.io 1 of 2 Show only rows that fit search 10.412 records

event_time	sender	reply_to	recipient	subject	accepted	link
2022-01-08 12:13:19.9290	none@yahoo.com	none@yahoo.com	tony_fowler@envolvelabs.com	none	true	unbooked.com/published/module...
2022-01-08 12:18:11.3670	tenen.hinata@yandex.com	tenen.hinata@yandex.com	susan_tinajero@envolvelabs.com	This Sasuke cosplay will make you look dreamy!	true	https://downfallbunched.io/files/se...
2022-01-08 12:18:11.3670	tenen.hinata@yandex.com	tenen.hinata@yandex.com	mariana_patterson@envolvelab...	This Sasuke cosplay will make you look dreamy!	true	https://downfallbunched.io/files/se...
2022-01-08 12:18:11.3670	tenen.hinata@yandex.com	tenen.hinata@yandex.com	rebecca_blackman@envolvelabs...	This Sasuke cosplay will make you look dreamy!	true	https://downfallbunched.io/files/se...
2022-01-08 12:18:11.3670	tenen.hinata@yandex.com	tenen.hinata@yandex.com	jacqueline_sexton@envolvelabs....	This Sasuke cosplay will make you look dreamy!	true	https://downfallbunched.io/files/se...
2022-01-08 12:21:56.3080	gaara@qq.com	gaara@qq.com	verna_fleeger@envolvelabs.com	50% discount on Naruto anime this weekend	true	https://clan.io/public/search/files/e...

```
1   50% discount on Naruto anime this weekend
```

2022-01-08 12:21:56.3080	gaara@qq.com	gaara@qq.com	erica_wilson@envolvelabs.com	50% discount on Naruto anime this weekend	true	https://clan.io/public/search/files/e...

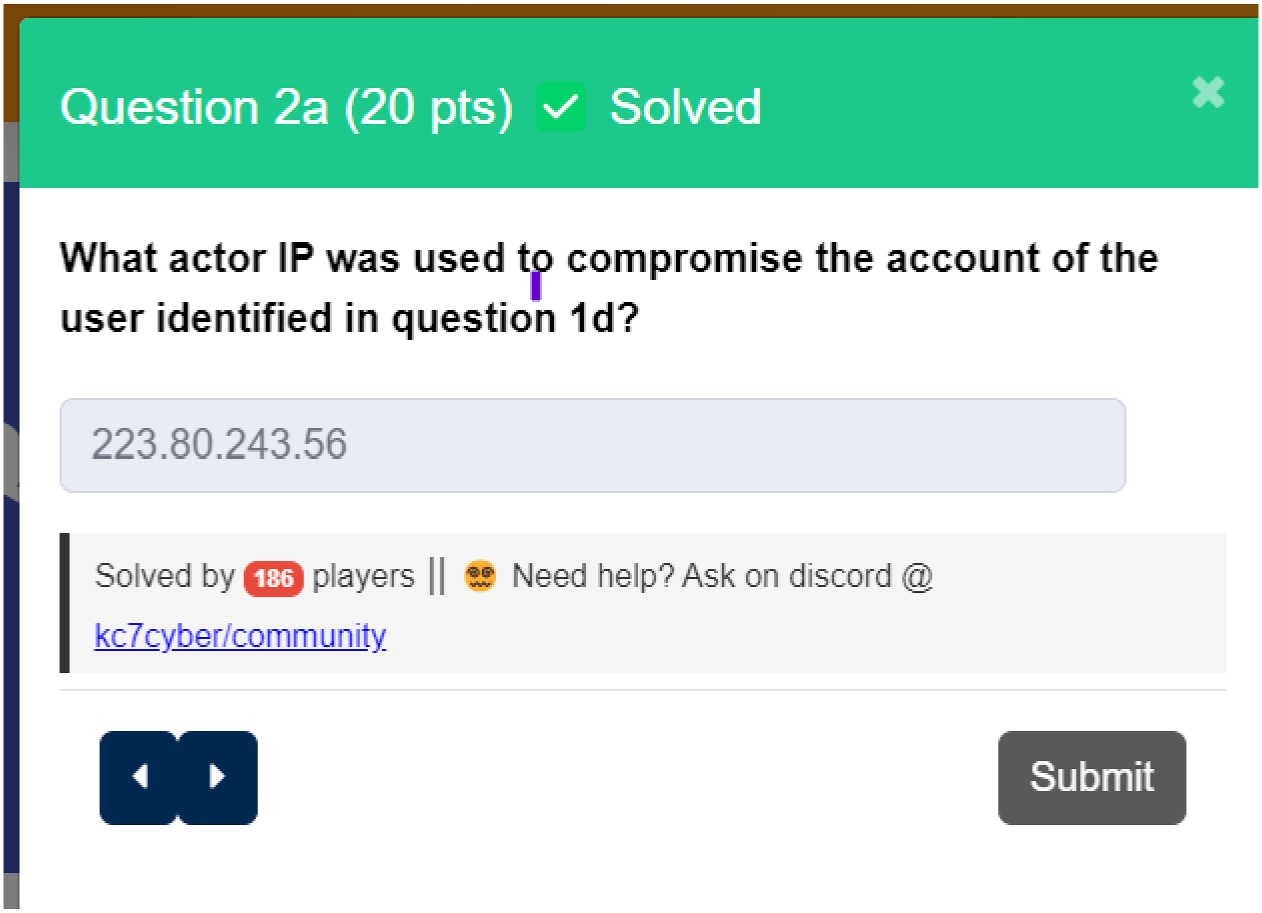


Question 1d (20 pts) ✓ Solved

What is the name of the user who clicked on the `clan.io` link?

Erica Wilson

Solved by 193 players || Need help? Ask on discord @ kc7cyber/community

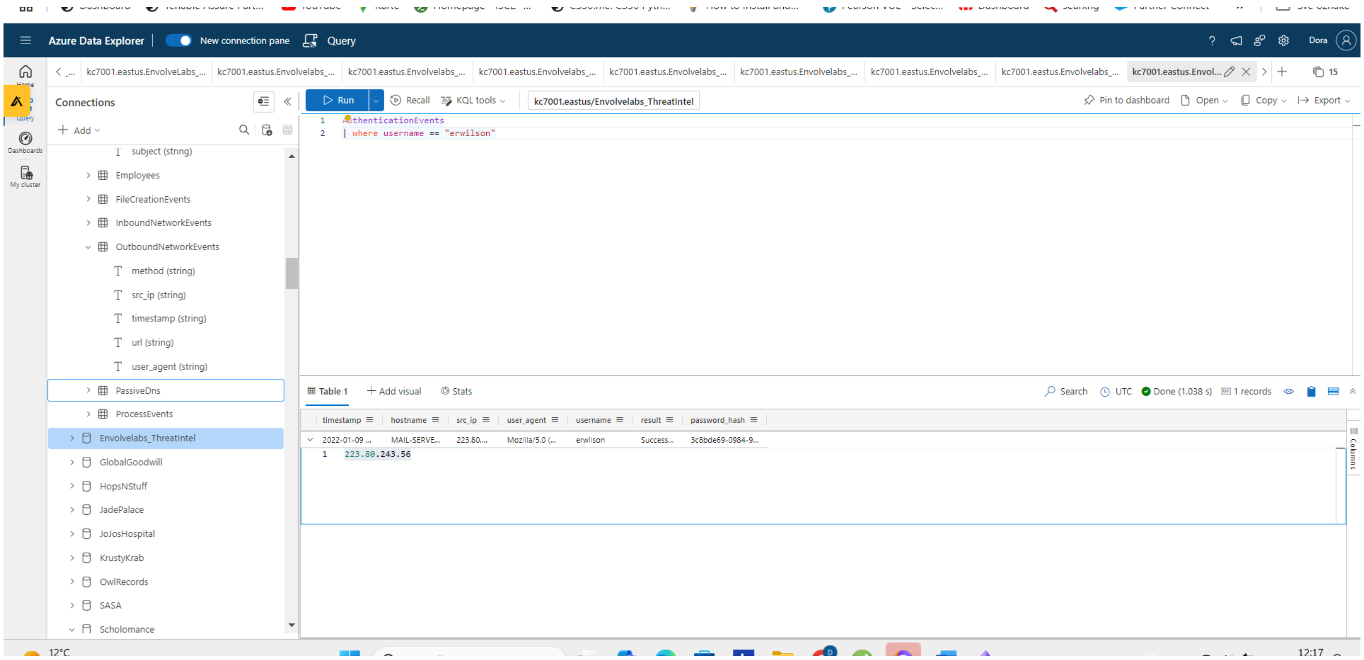


Question 2a (20 pts) ✓ Solved

What actor IP was used to compromise the account of the user identified in question 1d?

223.80.243.56

Solved by 186 players || Need help? Ask on discord @ kc7cyber/community



kc7001.eastus/Envolvelabs_ThreatIntel

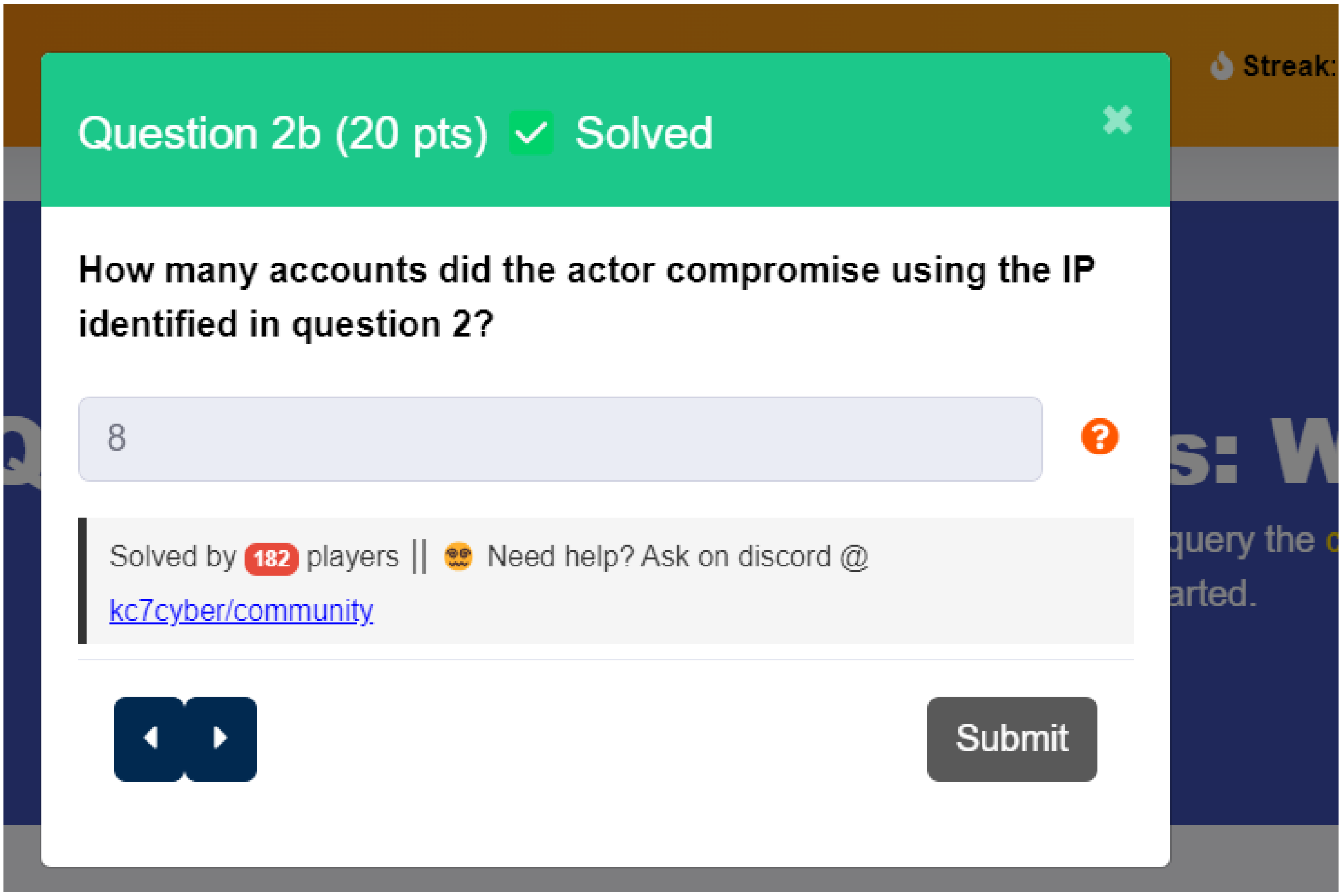
- subject (string)
- Employees
- FileCreationEvents
- InboundNetworkEvents
- OutboundNetworkEvents
  - method (string)
  - src_ip (string)
  - timestamp (string)
  - url (string)
  - user_agent (string)
- PassiveDns
- ProcessEvents
- Envolvelabs_ThreatIntel
- GlobalGoodwill
- HopsNStuff
- JadePalace
- JoJosHospital
- KrustyKrab
- OwlRecords
- SASA
- Scholomance

```
AuthenticationEvents
| where username == "erwilson"
```

Table 1 | Add visual | Stats — Done (1.038 s) 1 records

timestamp	hostname	src_ip	user_agent	username	result	password_hash
2022-01-09 ...	MAIL-SERVE...	223.80....	Mozilla/5.0 (...	erwilson	Success...	3c8bde69-0984-9...

```
1   223.80.243.56
```

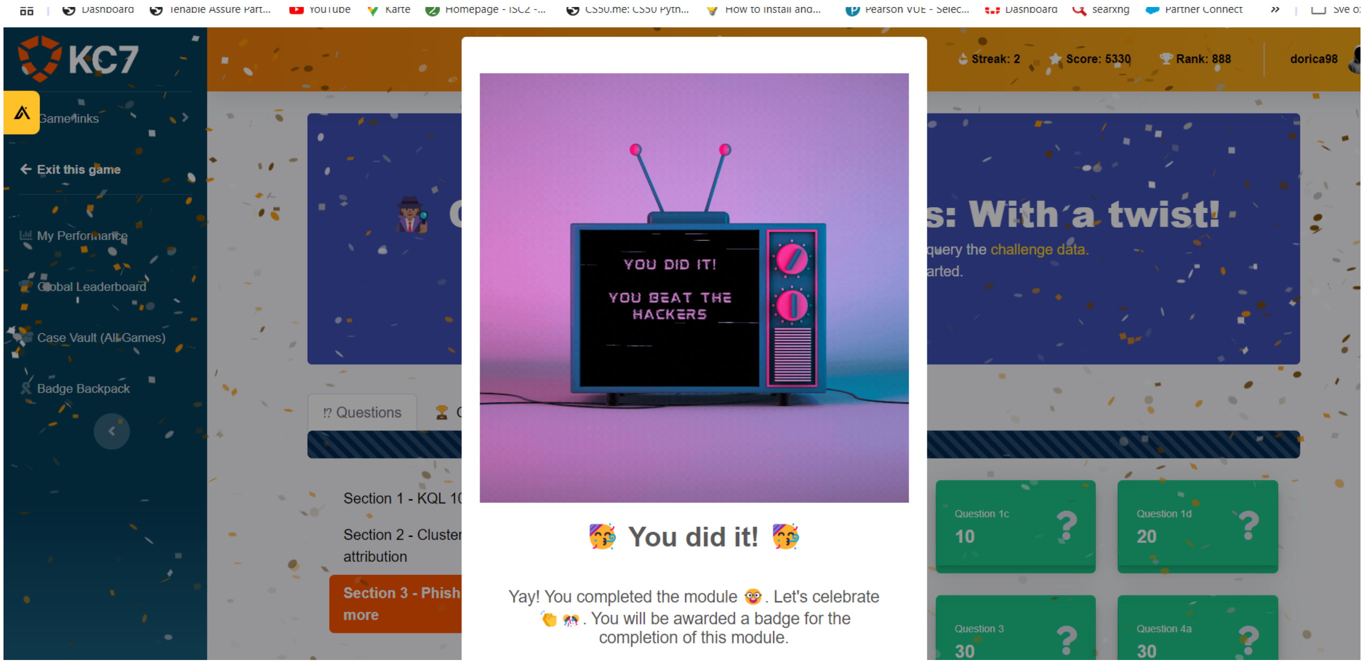


Question 2b (20 pts) ✓ Solved

How many accounts did the actor compromise using the IP identified in question 2?

8

Solved by 182 players || Need help? Ask on discord @ kc7cyber/community



🥳 You did it! 🥳

Yay! You completed the module 🤓. Let's celebrate 👏 🎊. You will be awarded a badge for the completion of this module.