- 1. What would you do if you wanted to watch Deadpool 2 online for free? Can you list two (or more, if you know) ways of getting it?
- 2. Do you know what warez is?
- 3. What would you need to run a basic website?
- 4. Do you know what a Cyberlocker or a file storage service is?
- o Can you list any that are often used for piracy?
- o Do you know how do the above services make money?
- o And whether it is financially interesting to users too, and how?
- 5. What can you do with files with .MKV extension?
- o Do you need any additional software?
- 6. Do you know what CAM, TS, TC or DVDSCR is?
- 7. What is the difference between YTS.MX and FMOVIESZ.TO
- 8. How do you access content through YTS.MX?
- o Where does the content come from?
- o Do you need any software?
- 9. What is the hosting provider, and where is MEGAKINO.CO hosted?
- o And YTS.MX?
- 10. Can you tell when the domain YTS.LT was created?
- 11. Do you know what Cloudflare is and does?
- o Why would a pirate use it?
- 12. CUEVANA2.UK.COM is a streaming website. Where does most of the content come from?
- 13. SEASONVAR.RU is a streaming website. Where does the content come from? How many servers could you identify? What is the name of this kind of infrastructure?
- 14. Does DIZIBOX.IN have any advertising?
- o If yes, how does it show up?
- o Can you identify the advertising networks present on the website? How did you do it?
- 15. What is the abuse email for the hosting provider of GRALANDIA.TV? How would you report the website to the hosting company?
- 16. If you were based in Brussels Belgium would it make sense if the ping to a domain/server is under 30 milliseconds and shows up South Korea as the location?
- 17. Can you suggest what could be the popularity of YTX.MX?

- o Where would you get this information?
- 18. Can you suggest how many visitors visited YTX.MX last month and how many of them were from the USA?
- 19. Can you suggest what could be the monthly revenue obtained from running EKINO-TV.PL?
- 20. Can you suggest how does EKINO-TV.PL make the money?
- 21. Can you tell when the domain RUTRACKER.ORG was created?
- 22. Can you suggest who was operating ULANGO.TV?
- 23. Where would you usually look for clues on who could be the operator of a website?
- 24. How does the operator of IPTVMAIN.COM make the money?
- o What are the payment options?
- 25. Is CB01.TOKYO promoted on any social networks? Can you find their accounts?
- 26. Does CB01.TOKYO have a Telegram channel?
- 27. Can you tell us their Telegram handle?
- 28. Any previous or alternative domains for CB01.TOKYO?
- 29. EKINO-TV.PL uses, amongst others, fileone.tv and upzone.cc as their cyberlockers. Do you think they are connected, and why?
- 30. Do you know what a Name Server is?
- o Is it related to the Domain Name System or is it something else?
- 31. What is a top-level domain?
- 32. Can you tell us why the TLD .to is so popular with pirate websites?
- 33. Can you tell me what TLD's are taken for the domain name "openloadmovies"
- 34. Can you tell me what domains are/used to be pointing at 193.200.164.147?
- 35. Do you know what a subdomain is?
- o How would you look for them?
- 36. Can you tell the difference between https and http?
- 37. Do you know what a VPN is?
- o Is it useful to a pirate?
- 38. Do you know what a MX record is?
- 39. If two domains use 185.70.40.102 as their Mail Server does it mean they are related/connected? Why?
- 40. How can a Facebook profile be useful to an IPTV service operator?

- 41. Do you know what a .M3U file is?
- 42. Do you know what GDPR is and whether it helps or hinders online investigations?
- 43. Do you know what the CCCAM TV piracy is? Can you briefly explain how does it work? Do you think a good internet connection is necessary to benefit from this type of services?

Streaming sites and torrent sites: dandanzan.net
 (https[:]//dandanzan.net/dianying/20183340.html) and Piratebay for instance:



倒序 擂	放线路:SD HD	~		
			hd-3-//v1	.1080tg.co
HD	超清	4K	1080p	获取播放

Deadpool 2 (2018) [WEBRip] [1080p]

Type: Video > HD - Movies		Uploaded:	2024-01-18 21:18:46
Files:	<u>2.</u>		GMT
Size:	2.13 GiB (2286503758 Bytes)	By:	JRenatto
		Seeders:	0
		Leechers:	0
		Comments	0
		Info Hash:	
		9C6ACB4048A0	32DAFEBF1F8A9395083DD129AD

🐧 GET THIS TORRENT 🛇 PLAY/STREAM TORRENT 🚱 ANONYMOUS DOWNLOAD

(Problems with magnets links are fixed by upgrading your torrent client!)

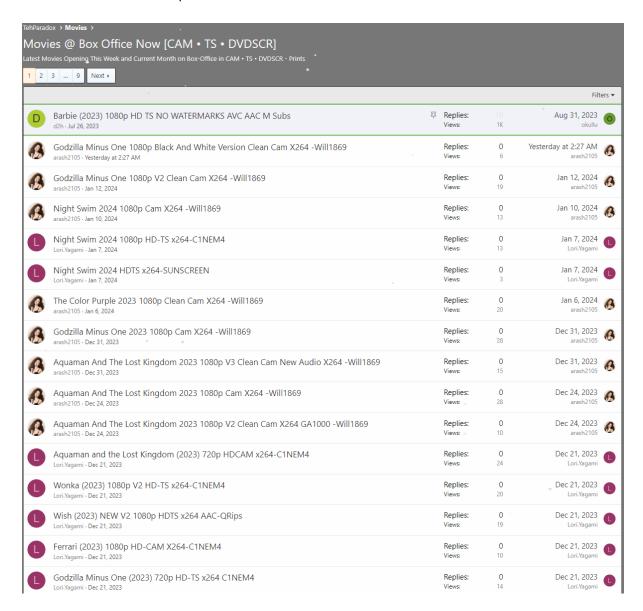
Another mercenary operation Deadpool (Ryan Reynolds) leads to tragedy, but Deadpool himself survives thanks to his ability to regenerate. The mercenary wakes up at the X-Men's estate, where Colossus tries to recruit him into his team again. Thanks to this, Deadpool meets a teenage mutant Russell (Julian Dennison) and goes to prison with him for a publicly committed murder. Meanwhile, a cyborg super soldier Cable (Josh Brolin) is transported from the future to our time, who wants to kill Russell and who is ready to do anything to fulfill his mission.

Two years ago, the superhero action comedy for adults "Deadpool" broke the global distribution and became the most successful R-rated film in history. Now we've got a sequel with more action, more jokes and a lot more characters. But did "Deadpool 2" benefit from a bigger scale?

Unfortunately, no. The comparative limitations of the first tape made it focused, completely focused on Deadpool's love for Vanessa and his feud with the supervillain Ajax. This allowed us to devote enough time to both storylines so that the audience would worry about the main character at the climax, despite the abundance of cynical postmodern irony in the film. It's hard to get the public to sympathize with the indestructible superman, who knows he's living in a Hollywood action movie and often jokes about it. However, "Deadpool" succeeded, and the picture became a super hit.

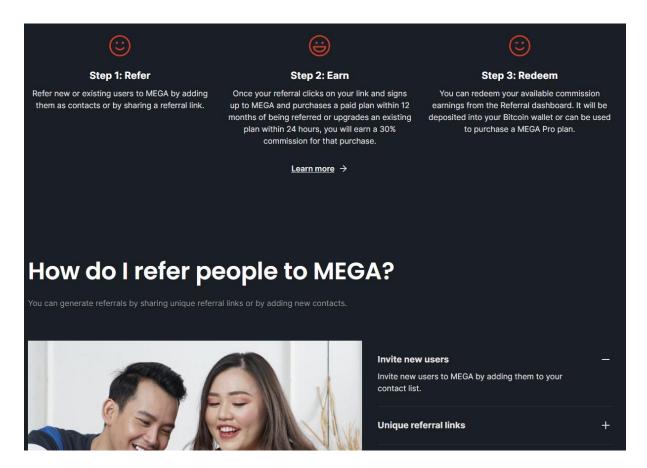
"Deadpool 2" is trying to repeat the trick of its predecessor with a much more complex plot, in which there are only three (or even four) key villains. But the tape turned out to be too scattered for her passions to break through the shell of banter. The film wants us to root for Deadpool, for Russell, for Cable, for Colossus, for the super-lucky mercenary Domino, who becomes an associate of the main character... You need to be a real comic book fan to feel all these emotional lines, which are mostly outlined with a stamped dotted line. The film often tells rather than shows, and this is absolutely not enough. In the end, you only worry about Deadpool and Vanessa, because their love was convincing in the first film, and it remained convincing in the sequel

2. A warez is typically pirated software cracked by hackers and distributed to file sharing sites like https[:]//tehparadox.net – and the contents may or may not contain malicious codes in it that would harm or compromise the victim who downloads the file.



3. Based on my experience as a webmaster, you typically need a domain name and a web host to run a basic website. They cost relative cheap and in some cases, free – if you select certain TLDs (top-level domains) from freenom for instance.

4. Cyberlockers are cloud storage services used for mass dissemination of certain file contents. Movies, television shows, music for instance. Mega.io is one example. They earn revenue by upselling premium accounts for individual and teams, gaining web traffic for advertising campaigns as well as referral programs that increase number of users and market share for this service.

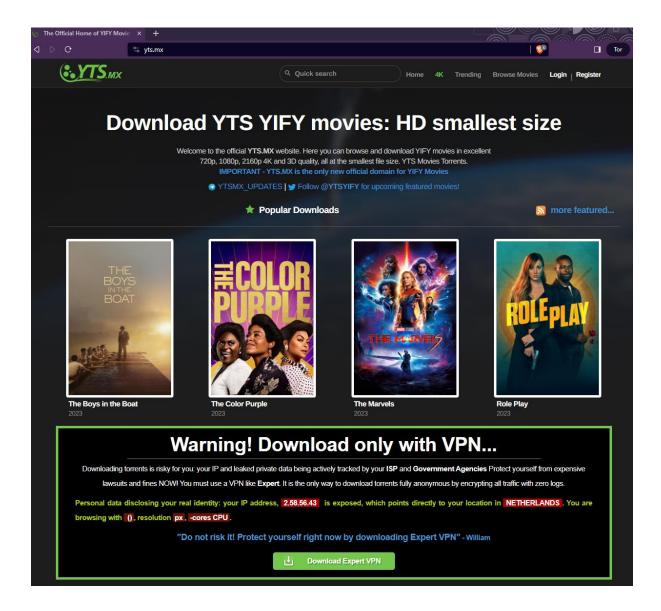


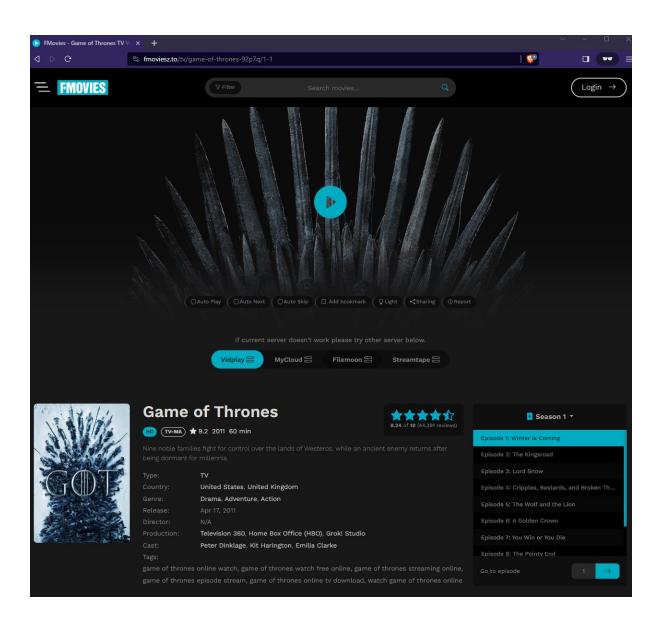
- 5. With .mkv file, it is possible to hold various types of data in the media file which includes visual, audio, subtitles and metadata etc. These file types can usually be opened with VLC media player, windows media player with codec packs (I personally did that many years ago when I was a kid and still using windows XP) as well as DivX player to name a few.
- 6. Camera Rip, Telesync, Telecine, DVD Screener are terms to describe different sources of movie releases. When describing these sources in terms of piracy, CAM usually means using a phone camera to do video recording in a cinema or movie premiere and is of the lowest quality out of the four in topic. TS, is a copy captured from a film print using studio quality camera mounted on a stable tripod better quality in comparison with CAM. TC is a source using specialized equipment to capture the frames directly from the movie reel into digital format. DVDSCR is a pre-release copy of a movie.
- 7. Difference between them is that one of them is a torrent site and one of them is an online streaming site, YTS.LT (torrent site) and FMoviesZ.TO (streaming site) yts.mx is currently banned in Singapore whereas opposite is not for FMoviesZ.to.



Whoops.

The website that you are trying to access is unavailable pursuant to an Order of the High Court of Singapore





8. I will require tor to get into the site, as shown in previous artefacts. The content comes from web application and YTS.MX is its domain name. I also have to use VPN to run wappalyzer on the site itself and these are the results:

Widgets



Twitter

Analytics



Cloudflare Browser Insights

Security



HSTS

Miscellaneous



Open Graph



HTTP/3

Web servers



Nginx 1.10.3

Caching



Varnish 5.2

Programming languages



php PHP

Operating systems



Obuntu

CDN



Cloudflare

Advertising



Twitter Ads

JavaScript libraries



<u>iQuery</u> 1.11.1

Reverse proxies



Nginx 1.10.3

RUM

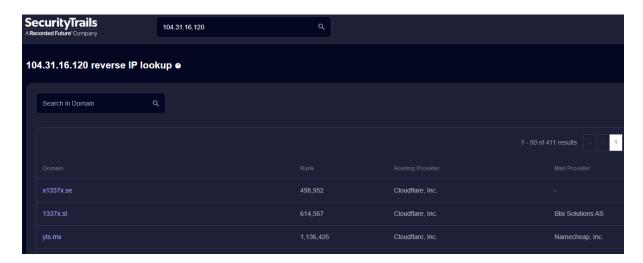


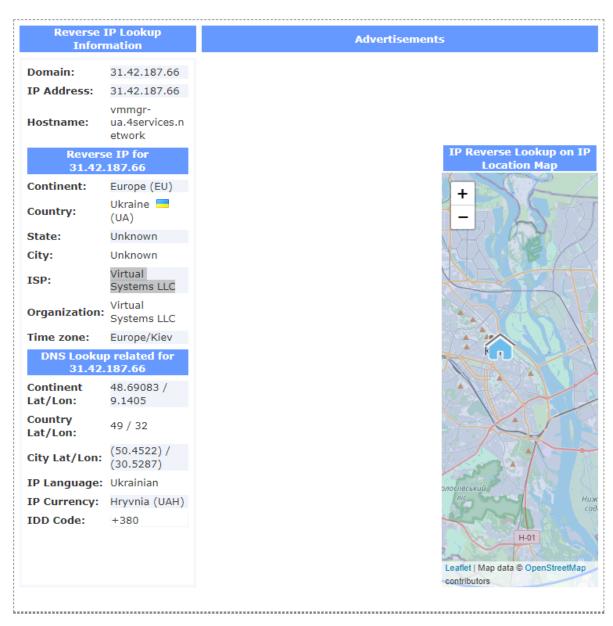
Cloudflare Browser Insights

Performance

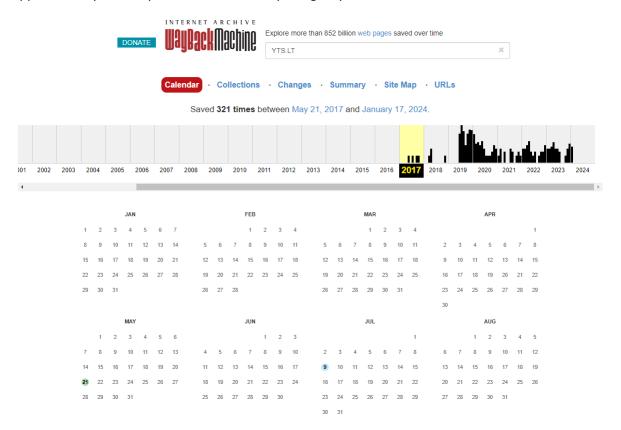


Cloudflare Rocket Loader 9. MEGAKINO.CO is using Virtual Systems and YTS.MX is using cloudflare as hosting provider. This is done by pinging its DNS and doing reverse IP search.





10. Approximately 21st May 2017. This is done by using wayback machine on its URL



- 11. Cloudflare is a hosting company which have a global presence of servers distributed across many data centers. A pirate is likely to use Cloudflare to help conceal the true origin server's IP address. Cloudflare is also famous for protection against DDoS Attacks, its content delivery network is top-tiered industrial standard, so pirates leveraged on that to distribute pirated contents with efficiency.
- 12. CUEVANA2.UK.COM contents comes from cloudflare using its CDN service.
- 13. SEASONVAR.RU have at least 3 servers related to its website. They are mc.yandex.ru, cdn.bigsv.ru and cdn.trafficbass.com Based on the coding style, I infer that contents all came from cdn.trafficbass.com (Content Delivery Network Infrastructure)

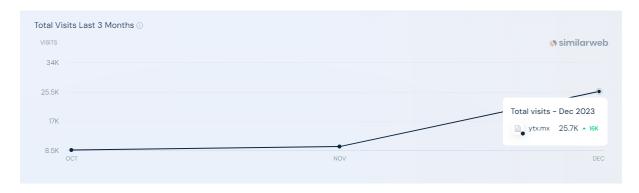
14. DIZIBOX.IN have at least 5 different types of adverts right off the bat when I entered the URL on my browser. The advertising networks are as follows: (From top order to bottom order) I did this by inspecting the .gif and viewing source code of the website.

https[:]///bit.ly//3YelQCP
https[:]///bit.ly//44Kt1Fc
https[:]///bit.ly//40plRUQ
https[:]///p.t2m.io//YE5Xsih
https[:]///cutt.ly//uwKqEe0H

- 15. abuse@key-systems.net would be the hosting provider e-mail of GRALANDIA.TV to report for website promoting piracy contents.
- 16. Virtually impossible. High chance of geolocation spoofing.
- 17. Using similarweb to analyse traffic metrics, ytx.mx is popular due to redirecting users to adult websites. However, according to wayback machine, there has been no signs of website content since the purchase of the domain.



18. Based on results from similarweb, there is an estimation of about 25,700 visitors on the month of December 2023. 23.48% of the visitors are from USA, roughly 6035 visitors.





19. According to siteworthtraffic, this is the estimated daily, monthly and annual profits for EKINO-TV.PL:

EKINO-TV.PL TRAFFIC WORTH

We estimate the website value of ekino-tv.pl is currently at \$ 282,423 USD and reaches roughly 39,901 unique users each day that generate 128,960 daily pageviews with a daily revenue (from advertisements, i.e Google AdSense) of \$ 129 USD approximately. According to Alexa (the Web Information Company) the Global Traffic Rank is 7,889 (view Alexa traffic graphs), the website belongs to the top 100,000 most popular websites in the world. Read our guide to Beginner's SEO: Quick Tips to Boost Your SEO to increase traffic on your website.

Report updated 1 year ago | Update Now

DAILY ESTIMATIONS

Unique Visitors	39,901
Revenue (From Ads)	\$ 129 USD
Unique Pageviews	128,960

MONTHLY ESTIMATIONS

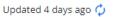
Unique Visitors	1,197,030
Revenue (From Ads)	\$ 3,869 USD
Unique Pageviews	3,868,800

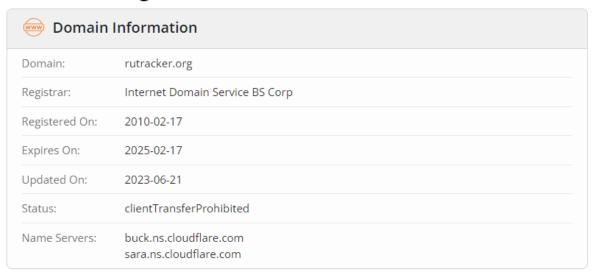
YEARLY ESTIMATIONS

Unique Visitors	14,563,865
Revenue (From Ads)	\$ 47,070 USD
Unique Pageviews	47,070,400

- 20. One of the ways for EKINO-TV.PL to earn would be profits from the premium accounts whenever users sign up for them.
- 21. 17th February 2010

rutracker.org



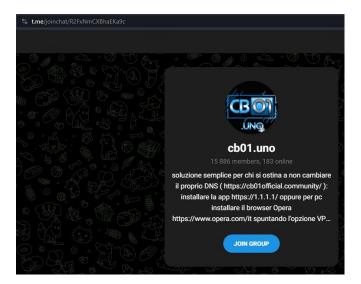


- 22. UK national, or someone who has been to UK and has done his/her homework on appropriate location to get a valid virtual office. He/she also have the knowledge on how to start a limited company in UK. If I were to profile this individual, this person would likely be a male between 30 80, have access to bank accounts in UK, can be personal or corporate bank accounts, have money mules for money laundering activities, experienced in cyber-criminal activities by obfuscating their online identity.
- 23. Contact page of the website which may give out e-mails for further information.
- 24. Payment options includes credit/debit card payment and cryptocurrency using coinbase account. They make money by being a pirate and selling subscriptions to users at a fraction of the original costs.
- 25. Yes, they did promote social networks on their website. They can be found on the top right corner of their website as well as the community section. Link includes facebook, youtube, pininterest, telegram handle, etc.

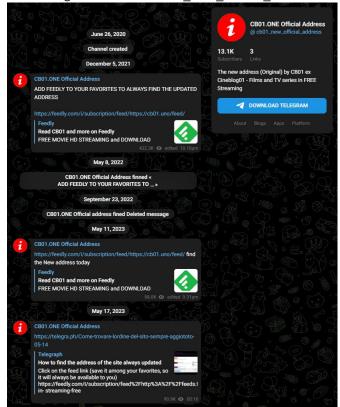
COMMUNITY .



26. Yes, their telegram channel name is cb01.uno



27. Their telegram handle is cb01_new_official_address



- 28. cb01.uno is their current domain.
- 29. I do think they are connected, and also they have a reason for this just in case one of their cyberlockers got shut down, they have a mirror backup to maximize their distribution uptime.
- 30. Name servers are part of DNS infrastructure and is responsible for translating domain names into the related IP addresses.

- 31. Top-level domain are the last segment of a domain name, where its usually .com
- 32. .to domain is one of the few domains that does not have registrant information listed in a public WHOIS database. Pirates use this domain for anonymity.

What is a .to domain? What country is .to domain?

The .to domain is the country code top-level domain (ccTLD) for Tonga and can now be registered by individuals and organizations across the globe. It's also the perfect domain for not only Tongan websites, but those based in Torino in Italy, or Toronto in Canada.

This compact domain is also ideal for directional domain hacks like takeme.to and holiday.to. You can do so much with it, so don't delay and register a .to today.

Can I keep my contact details hidden from the public Whois database?

Unfortunately, Domain Privacy is not supported by .to, however, it is one of the few domains that does not have registrant information listed in a public WHOIS database.

If for any reason you want to contact the domain registrant, you can do so by searching for the domain name at Tonic.to.

33. I have used a technique called TLD enumeration to find out related TLDs that contains "openloadmovies" and results are as follows:

openloadmovies.ac openloadmovies.arab openloadmovies.bz openloadmovies.cam openloadmovies.ch openloadmovies.click openloadmovies.co openloadmovies.com openloadmovies.br.com openloadmovies.cn.com openloadmovies.co.com openloadmovies.de.com openloadmovies.eu.com openloadmovies.gr.com openloadmovies.jpn.com openloadmovies.kr.com openloadmovies.mex.com openloadmovies.nv.com openloadmovies.uk.com openloadmovies.us.com openloadmovies.cool openloadmovies.de openloadmovies.co.de openloadmovies.com.de openloadmovies.eu openloadmovies.info

openloadmovies.aquila.it

openloadmovies.live

openloadmovies.ltd

openloadmovies.mobi

openloadmovies.net

openloadmovies.gb.net

openloadmovies.hu.net

openloadmovies.jp.net

openloadmovies.ru.net

openloadmovies.se.net

openloadmovies.uk.net

openloadmovies.com.nl

openloadmovies.net.nl

openloadmovies.co.nu

openloadmovies.org

openloadmovies.ae.org

openloadmovies.us.org

openloadmovies.ph

openloadmovies.com.ph

openloadmovies.net.ph

openloadmovies.org.ph

openloadmovies.pharma.pro

openloadmovies.teach.pro

openloadmovies.co.pt

openloadmovies.review

openloadmovies.ro

openloadmovies.adygeya.ru

openloadmovies.bashkiria.ru

openloadmovies.bir.ru

openloadmovies.cbg.ru

openloadmovies.com.ru

openloadmovies.dagestan.ru

openloadmovies.grozny.ru

openloadmovies.kalmykia.ru

openloadmovies.kustanai.ru

openloadmovies.marine.ru

openloadmovies.mordovia.ru

openloadmovies.msk.ru

openloadmovies.mytis.ru

openloadmovies.nalchik.ru

openloadmovies.nov.ru

openloadmovies.pyatigorsk.ru

openloadmovies.spb.ru

openloadmovies.vladikavkaz.ru

openloadmovies.vladimir.ru

openloadmovies.se

openloadmovies.abkhazia.su

openloadmovies.adygeya.su

openloadmovies.aktyubinsk.su

openloadmovies.arkhangelsk.su

openloadmovies.armenia.su

openloadmovies.ashgabad.su

openloadmovies.azerbaijan.su

openloadmovies.balashov.su

openloadmovies.bashkiria.su

openloadmovies.bryansk.su

openloadmovies.bukhara.su

openloadmovies.chimkent.su

openloadmovies.dagestan.su

openloadmovies.east-kazakhstan.su

openloadmovies.exnet.su

openloadmovies.georgia.su

openloadmovies.grozny.su

openloadmovies.ivanovo.su

openloadmovies.jambyl.su

openloadmovies.kalmykia.su

openloadmovies.kaluga.su

openloadmovies.karacol.su

openloadmovies.karaganda.su

openloadmovies.karelia.su

openloadmovies.khakassia.su

openloadmovies.krasnodar.su

openloadmovies.kurgan.su

openloadmovies.kustanai.su

openloadmovies.lenug.su

openloadmovies.mangyshlak.su

openloadmovies.mordovia.su

openloadmovies.msk.su

openloadmovies.murmansk.su

openloadmovies.nalchik.su

openloadmovies.navoi.su

openloadmovies.north-kazakhstan.su

openloadmovies.nov.su

openloadmovies.obninsk.su

openloadmovies.penza.su

openloadmovies.pokrovsk.su

openloadmovies.sochi.su

openloadmovies.spb.su

openloadmovies.tashkent.su

openloadmovies.termez.su

openloadmovies.togliatti.su

openloadmovies.troitsk.su

openloadmovies.tselinograd.su

openloadmovies.tula.su

openloadmovies.tuva.su

openloadmovies.vladikavkaz.su

openloadmovies.vladimir.su

openloadmovies.vologda.su

openloadmovies.tv

openloadmovies.uk

openloadmovies.biz.uz

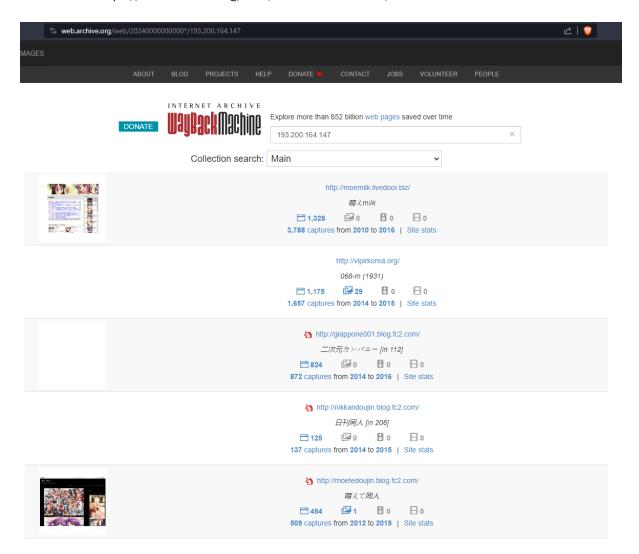
openloadmovies.vg

openloadmovies.watch

openloadmovies.ws openloadmovies.com.ws openloadmovies.net.ws openloadmovies.org.ws openloadmovies.xyz

34. There are several domains pointing to 193.200.164.147 and they have a pattern of hosting Japanese NSFW contents as well as several adult sites.

Source URL: https://web.archive.org/web/2024000000000*/192.200.164.147



Full list includes:

http://moemilk.livedoor.biz/

http://vipirkorea.org/

http://giappone001.blog.fc2.com/

http://nikkandoujin.blog.fc2.com/

http://moetedoujin.blog.fc2.com/

http://doujinheikin.blog65.fc2.com/

http://shota777.blog.fc2.com/

http://bodog.ws/

http://pochakei.blog.fc2.com/

http://akismet.com/

http://88w8.com/

http://iipk.com/

http://hongzhizhu.org/

http://blogbus.com/

http://explicittube.com/

http://sexdot.xxx/

http://lustplace.com/

http://gonzodino.com/

http://shsdbsd.com/

http://hq-xvideos.com/

http://pornzeus.com/

http://fatstube.com/

http://kindporn.com/

http://onlinerchemicalsstore.webs.com/

http://raqq.com/

http://tube17.com/

http://bolanglin.com/

http://thepetitionsite.com/

http://manicmondaymeme.blogspot.com/

http://newsextv.com/

http://needtoporn.com/

http://stats.k78.info/

http://userbars.ru/

http://goldjizz.com/

http://teknoesbilisim.quotaless.com/

http://talihuyar.com/

http://nuwerk.nl/

http://lobsterxxx.com/

http://onlinepuls.de/

http://szhkyq.com/

http://wow-patch.in/

http://deluxetravelua.com/

http://justhost-review.net/

http://888yinzuo.com/

http://5e4b89f1.seriousurls.com/

- 35. Subdomain is an extension of the main domain. I find them using a technique called DNS enumeration, using tools like dnsrecon or sublist3r.
- 36. Https is secured, default port is 443 while Http is not and is prone to MITM attack since its unencrypted, default port is 80.
- 37. VPN stands for Virtual Private Network, it is useful to a pirate to stay anonymous provided that the VPN provider they are engaging with does not keep logs.
- 38. That does not mean they are connected, the two separate websites could be using a shared hosting plan.

- 39. MX record specifies the involved mail servers responsible for receiving emails belonging from a domain. It helps to direct emails into the appropriate mail servers based on the receiver's e-mail address domain.
- 40. Social Media accounts are always useful to gain people's attention, and they can also use it as a way to relay news and updates to their audiences.
- 41. Created in 1996, .M3U is a file type for multimedia playlist. It contains pathname as well as a URL to point media players to AV sources. It is now more commonly used as HTTP live streaming playlist.
- 42. GDPR General Data Protection Regulation is a compliance for handling personal data. Answering this question with my experience, GDPR has a checklist which includes topics like lawful basis and transparency, data security, accountability and governance as well as privacy rights.
 - In my personal opinion, this regulation is only useful for legit companies for digital audit purposes and will not work on pirates since their identities were already masked in the first place, they have no accountability at all. When carrying out online investigation against them, it will be harder to get credentials and evidences of their identities since GDPR is pro on privacy.
- 43. CCCAM TV piracy is basically sharing a subscription of premium TV channels like Netflix and Disney+ so multiple people pay for a single subscription. This is bad for companies because they will not be able to maximize their profits if everyone practices this. In principle, good internet connection is useful for streaming TV channels so it will not be lag nor throttled. I would say it is necessary to have a good internet connection to benefit from this service.