



4 Practical Usages of a Newly Registered & Just Expired Domains Database

Imagine a world without domain names. While it is possible to live in one, the majority of people would have a hard time memorizing sets of numbers instead of names. If you want to visit google[.]com, for example, you would need to type in 172[.]217[.]11[.]14 every single time - not to mention that this IP address might change every time Google changes the way it deploys its web server network. But you get the point. People would need to memorize several series of numbers so they can shop, pay bills, and get in touch with people from across the globe online.

We dare say that without domain names, the online world would not be flourishing as it is now. The domain name industry in itself is also thriving, with thousands of domains bought and registered every day. [Verisign](#) disclosed that during the fourth quarter of 2019, it closed 362.3 million domain name registrations across all top-level domains (TLDs).

With that enormous number, how can you monitor new domain names? That is

where [Newly Registered & Recently Expired Domains Data Feed](#) comes in handy. But perhaps a more pressing question is why there should be a need to monitor domain names, notably, newly registered ones? We addressed these questions in this post, starting with the practical usages of having a newly registered domain list or database.

4 Practical Usages of Newly Registered & Just Expired Domains Data Feed

1. Industry Monitoring

Monitoring the industry is an effective way of meeting the demands of the target market in time. Being in the know when it comes to industry trends helps companies get ahead of their competitors. There are several ways in which companies can monitor industry trends, such as reading the news and keeping in touch with their networks. However, looking at newly registered domains would also allow them to see what other companies, specifically market leaders in the industry, are doing.

Companies in the lending industry, for instance, would learn through a newly registered domains list that in recent days, 98 domains with the word “loan” went online.

Directory of <https://newly-registered-domains.whoisxmlapi.com/datafeeds/>

Login successful.

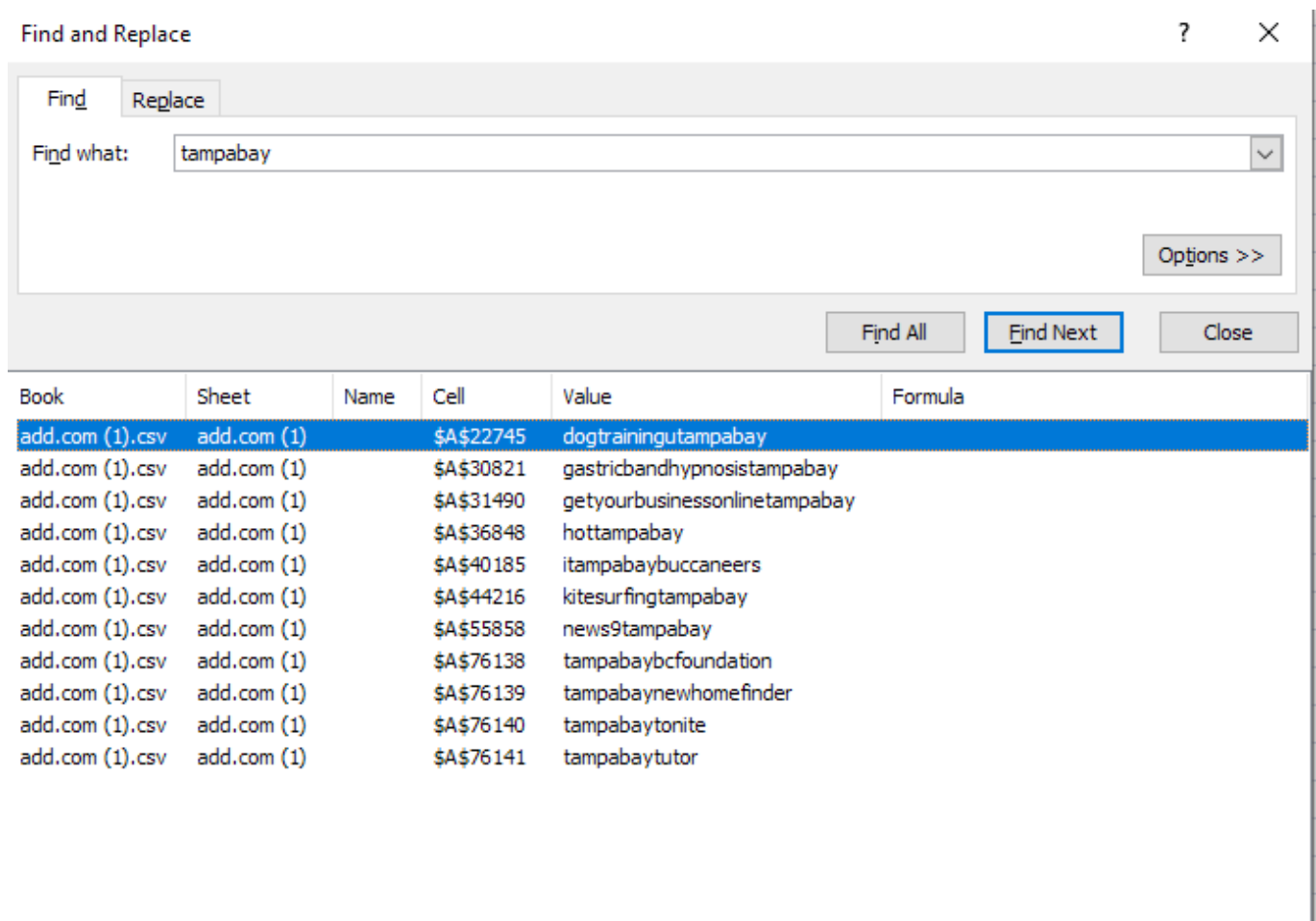
drwxr-xr-x	1	ftp_admin	1005	12288	Mar 27 12:00	Disposable_Email_Domains
drwxr-xr-x	1	523	root	7	Aug 19 2019	Newly_Registered_Domains
drwxr-xr-x	1	ftp_admin	ftp_admin	16384	Mar 27 16:01	Typosquatting_DataFeed

From this information, loan officers could see some of the industry trends, including delivering cash loans to the clients' homes. They could consider offering the same services, thereby meeting the needs of their prospects better. After all, domain information is frequently used in the [context of entrepreneurship](#).

2. Competitor Monitoring

As was mentioned earlier, a newly registered domains database enables organizations to know what other companies are up to. Specifically, the database helps companies in competitor monitoring activities by giving them a glimpse of the competition's business strategies. For local businesses, a newly registered domains list could inform them about what new businesses are coming in.

Considering the term "Tampa Bay" (a city in Florida), for example, we can see that 11 domain names were recently registered with businesses ranging from dog training and hypnosis to real estate and tutorial services.



The screenshot shows a 'Find and Replace' dialog box with the 'Find' tab selected. The 'Find what:' field contains the text 'tampabay'. Below the dialog, a table displays the search results in a spreadsheet format. The table has columns for Book, Sheet, Name, Cell, Value, and Formula. The first row is highlighted in blue.

Book	Sheet	Name	Cell	Value	Formula
add.com (1).csv	add.com (1)			\$A\$22745	dogtrainingutampabay
add.com (1).csv	add.com (1)			\$A\$30821	gastricbandhypnosistampabay
add.com (1).csv	add.com (1)			\$A\$31490	getyourbusinessonlinetampabay
add.com (1).csv	add.com (1)			\$A\$36848	hottampabay
add.com (1).csv	add.com (1)			\$A\$40185	itampabaybuccaneers
add.com (1).csv	add.com (1)			\$A\$44216	kitesurfingtampabay
add.com (1).csv	add.com (1)			\$A\$55858	news9tampabay
add.com (1).csv	add.com (1)			\$A\$76138	tampabaybcfoundation
add.com (1).csv	add.com (1)			\$A\$76139	tampabaynewhomefinder
add.com (1).csv	add.com (1)			\$A\$76140	tampabaytonite
add.com (1).csv	add.com (1)			\$A\$76141	tampabaytutor

An online marketing services firm based in Tampa Bay would mainly be concerned about the new domain name "getyourbusinessonlinetampabay." The registration of this new domain could mean that a recently established online marketing company is targeting Tampa Bay business owners. Upon knowing this, the firm could step up its marketing efforts, develop deeper relationships with existing clients, and ramp up its overall business efforts.

While around [91% of companies](#) track their direct competitors, take note that you should also monitor your indirect competitors, market leaders, and prospects.

3. Brand & Phishing Protection

Brand protection these days goes beyond just having an excellent advertising and public relations (PR) team. As more businesses go online, monitoring domain names should be a crucial element of a company's brand protection strategy.

Obtaining a newly registered domains list helps brands, especially those that have registered trademarks, monitor how these figure in domain names.

If YouTube [monitors newly registered domains](#), the video streaming giant will know that 23 new domains that use its brand went online recently.

Find Replace

Find what: youtube

Options >>

Find All Find Next Close

Book	Sheet	Name	Cell	Value	Formula
add.com (1).csv	add.com (1)		\$A\$17133	clickbank-on-youtube	
add.com (1).csv	add.com (1)		\$A\$26921	facebookyoutubeclickbank	
add.com (1).csv	add.com (1)		\$A\$29409	free-music-for-youtube	
add.com (1).csv	add.com (1)		\$A\$30199	funnyvideosityoutube	
add.com (1).csv	add.com (1)		\$A\$33552	guide-youtube	
add.com (1).csv	add.com (1)		\$A\$39048	infolinksyoutubevideos	
add.com (1).csv	add.com (1)		\$A\$50331	mdyoutube	
add.com (1).csv	add.com (1)		\$A\$54672	myyoutubecoach	
add.com (1).csv	add.com (1)		\$A\$68521	saveyoutubemovie	
add.com (1).csv	add.com (1)		\$A\$84403	watchyoutubemusic	
add.com (1).csv	add.com (1)		\$A\$84404	watchyoutubes	
add.com (1).csv	add.com (1)		\$A\$84405	watchyoutubesmusic	
add.com (1).csv	add.com (1)		\$A\$84406	watchyoutubesvideos	
add.com (1).csv	add.com (1)		\$A\$85660	wildyoutubes	
add.com (1).csv	add.com (1)		\$A\$89916	youryoutubecoach	
add.com (1).csv	add.com (1)		\$A\$89933	youtube-islam	
add.com (1).csv	add.com (1)		\$A\$89934	youtube-music-for-free	
add.com (1).csv	add.com (1)		\$A\$89935	youtube-to-3gp	
add.com (1).csv	add.com (1)		\$A\$89936	youtubecashin	
add.com (1).csv	add.com (1)		\$A\$89937	youtubecustomer	
add.com (1).csv	add.com (1)		\$A\$89938	youtubedepepito	
add.com (1).csv	add.com (1)		\$A\$89939	youtubesupport	
add.com (1).csv	add.com (1)		\$A\$89940	youtubevidtomp3	

23 cell(s) found

Note that some of these domains may indeed belong to YouTube and thus use Google LLC as registrant name. However, some are not owned by Google, which was easy to verify using [WHOIS Lookup](#).

- youtubesupport[.]com

youtubesupport.com



Search by IPv4 or IPv6 address, domain name or email

```
{
  "createdDate": "2020-01-20T07:00:00.000Z",
  "updatedDate": "2020-01-20T00:00:00.000Z",
  "expiresDate": "2021-01-20T00:00:00.000Z",
  "registrant": {
    "name": "liang shang",
    "organization": "shang liang",
    "street1": ", jin yang lu 36 hao,",
    "city": "nan ning shi",
    "state": "GUANG XI",
    "postalCode": "530000",
    "country": "CHINA",
    "countryCode": "CN",
    "email": "405948232@qq.com",
    "telephone": "8618588502767".
```

Other formats

- funnyvideosityoutube[.]com

funnyvideosityoutube.com



Search by IPv4 or IPv6 address, domain name or email

```
{
  "createdDate": "2015-03-17T11:08:51Z",
  "updatedAt": "2019-01-15T00:13:24Z",
  "expiresDate": "2021-03-17T11:08:51Z",
  "registrant": {
    "name": "Registrant State/Province: New South Wales",
    "state": "New South Wales",
    "country": "AUSTRALIA",
    "countryCode": "AU",
    "rawText": "(omitted in the demo)"
  },
  "administrativeContact": {
    "country": "AUSTRALIA",
    "countryCode": "AU",
    "rawText": "(omitted in the demo)"
  }
}
```

Other formats

- guide-youtube[.]com

The screenshot shows a search interface for 'guide-youtube.com'. Below the search bar, there is a prompt: 'Search by IPv4 or IPv6 address, domain name or email'. The main content area displays a JSON object with the following fields:

```
{
  "createdDate": "2011-03-02T19:16:18Z",
  "updatedDate": "2020-03-25T22:00:46Z",
  "expiresDate": "2020-03-02T19:16:18Z",
  "registrant": {
    "name": "beetlejuice numberone",
    "street1": "25 rue ZACHARIE",
    "city": "ROUEN",
    "postalCode": "76000",
    "country": "FRANCE",
    "countryCode": "FR",
    "email": "4170eba7d16c03be711a435d701bd155-281564@contact.gandi",
    "telephone": "33175431045",
    "fax": "33175431041",
    "organization": "GANDI SAS"
  }
}
```

At the bottom right of the JSON display, there is a yellow button labeled 'Other formats'.

These domain names could be involved in different activities, including malicious ones. For instance, YouTube content creators may visit youtubesupport[.]com thinking that it is the Internet giant's customer support page. If prompted to, when they type their login credentials, threat actors may record their keystrokes using malware. In no time, cybercriminals could get hold of YouTube content creators' AdSense and other Google accounts.

Companies can prevent cybersquatting by monitoring the use of their brand names on the Internet. In the process, they also thwart other possibly malicious activities.

4. Cybersecurity

A robust cybersecurity posture requires an organization to derive a wide range of

threat intelligence from different sources. For one, security teams could make use of malware data feeds and IP geolocation to strengthen their systems. Another source of data is domain intelligence, which could come from a newly registered domains database.

By monitoring newly registered domains, organizations will see which ones are potentially dangerous. They can investigate further by feeding the domain data into their existing threat intelligence platforms or security information and event management (SIEM) solutions.

To illustrate, we ran grlfr[.]com on [Threat Intelligence Platform](#) (TIP). This domain name is on the newly registered domains list. Indeed, the platform detected some vulnerabilities, even giving it a very [low reputation score of 67.5%](#).

How to Access Newly Registered Domain Database Download

Listed below are the steps in accessing Newly Registered Domain Database Download:

- Log in to your WhoisXML API account.
- Click the “Download Database” button on the [Newly Registered & Just Expired Domains home page](#).
- You should reach the data feed directory where you can see different data feeds, depending on your subscription.

Directory of <https://newly-registered-domains.whoisxmlapi.com/datafeeds/>

Login successful.

drwxr-xr-x	1	ftp_admin	1005	12288	Mar 27 12:00	Disposable_Email_Domains
drwxr-xr-x	1	523	root	7	Aug 19 2019	Newly_Registered_Domains
drwxr-xr-x	1	ftp_admin	ftp_admin	16384	Mar 27 16:01	Typosquatting_DataFeed

- Click “Newly_Registered_Domains,” where you will need to enter another

directory called “Enterprise.”

Directory of https://newly-registered-domains.whoisxmlapi.com/datafeeds/Newly_Registered_Domains/

(/Newly_Registered_Domains)

Login successful.

drwxrwxr-x 1 523 523 10 Aug 19 2019 [enterprise](#)

- At this point, you will see other directories such as the New gTLDs (domain_names_ngtlds_new) and Dropped Domains (domain_names_dropped_whois) databases. Click domain_names_new to access the newly registered domains database.

Directory of <https://newly-registered-domains.whoisxmlapi.com/datafeeds/>

(/Newly_Registered_Domains/enterprise)

Login successful.

drwxr-xr-x	1	root	root	159744	Mar 27 19:11	domain_names_diff_whois
drwxr-xr-x	1	root	root	17	Sep 24 2018	domain_names_dropped
drwxr-xr-x	1	root	root	487424	Mar 27 19:08	domain_names_dropped_whois
drwxr-xr-x	1	apache	502	17	Sep 24 2018	domain_names_new
drwxr-xr-x	1	root	root	6168576	Mar 27 08:14	domain_names_ngtlds_diff_whois
drwxr-xr-x	1	root	root	1249	Mar 21 14:26	domain_names_ngtlds_dropped
drwxr-xr-x	1	root	root	5570560	Mar 28 04:53	domain_names_ngtlds_dropped_whois
drwxr-xr-x	1	root	root	6046	Mar 27 13:02	domain_names_ngtlds_new

- Once inside the directory, you will see that the domain names appear according to TLD—.aero, .asia, .biz, .com, and so on. Choose the TLD you’re interested in. Our examples in the previous sections are from the .com list.

Directory of https://newly-registered-domains.whoisxmlapi.com/datafeeds/Newly_1

(/Newly_Registered_Domains/enterprise/domain_names_new)

Login successful.

-rw-r--r--	1	root	root	676	Nov 26	2013	README
drwxr-xr-x	1	root	root	3636	Mar 27	14:53	aero
drwxr-xr-x	1	root	root	4699	Mar 27	14:52	asia
drwxr-xr-x	1	root	root	5693	Mar 27	14:46	biz
drwxr-xr-x	1	root	root	5711	Mar 27	14:31	com
drwxr-xr-x	1	root	root	31784	Mar 27	14:55	hashes
drwxr-xr-x	1	root	root	5641	Mar 27	14:52	info
drwxr-xr-x	1	root	root	3949	Oct 23	2017	mobi
drwxr-xr-x	1	root	root	4038	Mar 27	14:53	name
drwxr-xr-x	1	root	root	3953	Oct 23	2017	net
drwxr-xr-x	1	root	root	5718	Mar 27	14:44	org
drwxr-xr-x	1	root	root	2808	Feb 10	2017	pro
drwxr-xr-x	1	root	root	4148	Mar 27	14:55	status
drwxr-xr-x	1	root	root	2356	Dec 11	2017	tel
drwxr-xr-x	1	root	root	5649	Mar 27	14:55	us

- Inside each TLD directory, you will see different databases listed according to their extraction date from oldest to newest.

- The examples cited in the previous section are from the database labeled “cur,” extracted on March 27th.

drwxr-xr-x	1	root	root	3	Mar	10	14:28	2020-03-10
drwxr-xr-x	1	root	root	3	Mar	10	14:28	2020-03-10_05_01_17
drwxr-xr-x	1	root	root	3	Mar	11	14:24	2020-03-11
drwxr-xr-x	1	root	root	3	Mar	11	14:24	2020-03-11_05_01_15
drwxr-xr-x	1	root	root	3	Mar	12	14:17	2020-03-12
drwxr-xr-x	1	root	root	3	Mar	12	14:17	2020-03-12_05_01_21
drwxr-xr-x	1	root	root	3	Mar	13	14:09	2020-03-13
drwxr-xr-x	1	root	root	3	Mar	13	14:09	2020-03-13_05_01_19
drwxr-xr-x	1	root	root	3	Mar	14	14:23	2020-03-14
drwxr-xr-x	1	root	root	3	Mar	14	14:23	2020-03-14_05_01_17
drwxr-xr-x	1	root	root	3	Mar	15	14:23	2020-03-15
drwxr-xr-x	1	root	root	3	Mar	15	14:23	2020-03-15_05_01_20
drwxr-xr-x	1	root	root	3	Mar	16	14:17	2020-03-16
drwxr-xr-x	1	root	root	3	Mar	16	14:17	2020-03-16_05_01_18
drwxr-xr-x	1	root	root	3	Mar	17	14:24	2020-03-17
drwxr-xr-x	1	root	root	3	Mar	17	14:24	2020-03-17_05_01_19
drwxr-xr-x	1	root	root	3	Mar	18	14:17	2020-03-18
drwxr-xr-x	1	root	root	3	Mar	18	14:17	2020-03-18_05_01_13
drwxr-xr-x	1	root	root	3	Mar	19	14:17	2020-03-19
drwxr-xr-x	1	root	root	3	Mar	19	14:17	2020-03-19_05_01_18
drwxr-xr-x	1	root	root	3	Mar	20	14:25	2020-03-20
drwxr-xr-x	1	root	root	3	Mar	20	14:25	2020-03-20_05_01_15
drwxr-xr-x	1	root	root	3	Mar	21	14:21	2020-03-21
drwxr-xr-x	1	root	root	3	Mar	21	14:21	2020-03-21_05_01_18
drwxr-xr-x	1	root	root	3	Mar	22	14:16	2020-03-22
drwxr-xr-x	1	root	root	3	Mar	22	14:16	2020-03-22_05_02_05
drwxr-xr-x	1	root	root	3	Mar	23	16:00	2020-03-23
drwxr-xr-x	1	root	root	3	Mar	23	16:00	2020-03-23_05_02_09
drwxr-xr-x	1	root	root	3	Mar	24	15:48	2020-03-24
drwxr-xr-x	1	root	root	3	Mar	24	15:48	2020-03-24_05_02_09
drwxr-xr-x	1	root	root	3	Mar	25	14:07	2020-03-25
drwxr-xr-x	1	root	root	3	Mar	25	14:07	2020-03-25_05_01_15
drwxr-xr-x	1	root	root	3	Mar	26	14:14	2020-03-26
drwxr-xr-x	1	root	root	3	Mar	26	14:14	2020-03-26_05_01_17
drwxr-xr-x	1	root	root	3	Mar	27	14:13	2020-03-27
drwxr-xr-x	1	root	root	3	Mar	27	14:13	2020-03-27_05_01_16
drwxr-xr-x	1	root	root	3	Mar	27	14:13	cur

- Click your preferred date, and you will reach another directory where you can download a .csv file of the newly registered domains list.

Conclusion

With Newly Registered & Just Expired Domains Data Feed, you can access more than 100,000 recently registered domain names, spanning major gTLDs and new

gTLDs. As a bonus, you also get access to lists of dropped or expired domain names with their WHOIS records. This data can prove useful when investigating or tracking down the owner of a suspicious domain.

Monitoring newly registered domains enables companies to ramp up their marketing efforts and competitor analysis. Aside from this, the domain intelligence gleaned from the database could also help them protect their brands and trademarks, and beef up their cybersecurity posture.