



WhoisXML API Internet Data Exchange Program

The Internet Data Exchange Program is one of WhoisXML API's initiatives toward our greater vision of a safer and more transparent digital space. With Internet data aggregators and providers sharing valuable data, suspicious Internet behaviors can be more thoroughly detected and mitigated faster. WhoisXML API strives to execute this vision, together with our data exchange partners, which include domain registries, registrars, Internet service providers (ISPs), threat intelligence companies, and other Internet data aggregators.

As WhoisXML API nurtures mutually beneficial relationships with existing partners, we also continuously seek new collaboration opportunities through our Internet Data Exchange Program. By collaborating with us, our data exchange partners are able to:

- Gain access to comprehensive data sources comprising domain, subdomain, Domain Name System (DNS), IP, and other Internet records, resulting from over a decade of data gathering and processing
- Obtain clearer visibility of the world's DNS to cast light on abusive or outright malicious online activities and associated Internet footprints
- Increase the depth and breadth of their data coverage, making way for more powerful intelligence and profound insights

How Does the Internet Data Exchange Program Work?

New partnerships typically go through an initial evaluation period, which can take several weeks or months. The evaluation period allows both parties to assess the value of the data exchange partnership. Among the critical factors to evaluate the value each party receives are data quality, volume, uniqueness, freshness, and relevance. Once the parties deem the partnership mutually beneficial, the next step is to work together to create a long-term data exchange agreement.



Why Choose Us

WhoisXML API has been aggregating, parsing, and normalizing domain, DNS, and IP data since 2010. Our years of data crawling and long-term relationships with various Internet data aggregators allowed us to aggregate extensive data coverage, including 4+ billion DNS and 14.3+ billion WHOIS records.

We cover 4.2+ billion domains and subdomains across 7,298+ top-level domains (TLDs) and country-code top-level domains (ccTLDs) and track 99.5% of active IP addresses belonging to 12.9+ million IP netblocks. WhoisXML API adds to these data repositories daily, weekly, and monthly as we continue to collect information through successful partnerships and data sensing techniques.



What We Offer

The table below details the main data points covered in our repositories, along with the corresponding coverage statistics.

Footprints	Main Data Points	Coverage Stats
WHOIS	<ul style="list-style-type: none"> Domain name Creation, update, and expiration dates Registrar information WHOIS server Nameservers Domain status codes Registrant, administrative, and technical contact details Email address Registrant name and organization Street address Fax and phone numbers 	<ul style="list-style-type: none"> 4.2+ billion domains and subdomains 14.3+ billion WHOIS records 7,298+ TLDs and ccTLDs and historical WHOIS records
DNS	<ul style="list-style-type: none"> A records Domain or subdomain name Timestamp of the last visit or update IP resolution of the domain or subdomain MX records Domain or subdomain name Timestamp of the last visit or update Priority number of the mail server Mail server of the domain or subdomain NS records Domain or subdomain name Timestamp of the last visit or update Nameserver of the domain or subdomain TXT records Domain or subdomain name Timestamp of the last visit or update TXT record specified by the domain administrator CNAME records Domain or subdomain name Timestamp of the last visit or update CNAME of the corresponding domain or subdomain SOA records Domain or subdomain name Timestamp of the last visit or update SOA record associated with the domain or subdomain 	<ul style="list-style-type: none"> 4+ billion DNS records 1.5+ billion A and AAAA records 531+ million MX records 1.1+ billion NS records 316+ million TXT records 172+ million CNAME records 437+ million SOA records
IP geolocation	<ul style="list-style-type: none"> Mark ISP Connection type Geolocation Country Region City Latitude and longitude Postal code Time zone GeoNames ID 	<ul style="list-style-type: none"> 99.5% of IP addresses in use 230,000+ locations covered 215,000+ ISPs 65,000 unique ASNs
IP netblocks	<ul style="list-style-type: none"> First and last IP address in the range AS details ASN AS name AS type Route Domains Netname and net handle Country, city, and address Abuse contact information Administrative contact details Technical contact details IP range registration details ID and name Contact details, including phone number and email address Address information, including country, city, and postal code Domain maintainers 	<ul style="list-style-type: none"> 12.9+ million IP netblocks 28+ million unique ranges 45+ million IP records updated daily 48,000+ ranges updated daily
Subdomain	<ul style="list-style-type: none"> Subdomain First and last seen timestamp 	<ul style="list-style-type: none"> 4.2+ billion domains and subdomains 1+ million subdomains discovered daily



A FEW EXAMPLES OF OUR MOST SUCCESSFUL PARTNERSHIPS

ProPrivacy Open Data Project: Mapping Malicious Coronavirus Domains Using WHOIS Data:

ProPrivacy partnered with WhoisXML API to monitor and contextualize Coronavirus-themed domain registrations.

The National Child Protection Task Force (NCPTF) and WhoisXML API - OSINT Tech That Saves Lives:

WhoisXML API champions NCPTF's initiatives to fight human trafficking and child exploitation by enriching data strings relevant to active cases related to missing children worldwide.

GeoGuard and WhoisXML API Partnership: The Dark Side of Virtual Private Network (VPN) Use Explored: This research aimed to study malicious IP addresses in IP blocks associated with VPN usage.

OWASP Amass and WhoisXML API Are Now Integration Partners:

This partnership allows Amass users to access WhoisXML API's data to support their threat hunting and penetration testing efforts.

WhoisXML API Transforms Now Available on Maltego:

Find out how to use WhoisXML API data via Maltego as part of post-event security operations center (SOC) analyses and open-source intelligence (OSINT) investigations.

WhoDat Project: An Interactive Pivotal Tool for Working with WHOIS Data:

MITRE Corporation developed a front-end tool to leverage WhoisXML API's WHOIS data to support security research.

About Us

WhoisXML API aggregates and delivers comprehensive domain, IP, DNS, and subdomain data repositories. WhoisXML API has more than 52,000 satisfied customers from various sectors and industries, such as cybersecurity, marketing, law enforcement, e-commerce, financial services, and more. If you want to learn more about our Internet Data Exchange Program and the data repositories we offer, please contact us at sales@whoisxmlapi.com.



WhoisXMLAPI
The Who Behind Domain, IP & Cyber Threat Intelligence