WhoisXMLAPI
The Who Behind Domain, IP & Cyber Threat Intelligence

Enable Data-Driven Cyber Risk Insurance with a Satellite View of the World's DNS

Business Problem

As a solutions provider for insurers, reinsurers, brokers, and risk managers, among others, you must help communicate cyber risks, such as data breaches, fraud instances, and regulatory compliance failures to existing and potential clients so they can make quick underwriting decisions and quantifiable cyber risk assessments. These are not easy tasks to do, given today's fast-growing and ever-changing cybersecurity landscape that could differ from one industry to another. You have an undoubtedly intelligent solution, powered by unique and sophisticated algorithms and technologies - but the insurance sector needs the most complete and relevant data to achieve its full potential.

Data-Driven Solution

The connectivity-reliant cybersecurity landscape and increasing weaponization and exploitation of public-facing resources call for an unhindered view of the Internet for holistic cyber risk validation. To reliably and comprehensively perform critical cyber risk insurance quantification, analysis, and modeling processes, your solutions must be able to access data relevant to the world's Domain Name System (DNS), including domain, WHOIS, IP, and other Internet records.

Notable Use Cases	Connected Data Points
Discover assets without inputs from the insurance buyer	• How many domain names were registered using the cyber insurance buyer's company email address? What are they potentially used for? • How many subdomains were added to the applicant's root domains? When were the subdomains last updated? Are they associated with any dangling DNS record? • What IP addresses do the domains resolve to? To which IP netblocks do they fall under?
Determine and attribute possible cyber attack vectors and fraud vehicles	• Are there domain names that could be used to impersonate the cyber insurance buyer, such as cybersquatting or typosquatting domains? What are the cybersquatting domains' registrant, administrative, and technical contact details? • How many subdomains fall under each cybersquatting domain? What are they potentially used for? • What IP addresses do the cybersquatting domains resolve to? To which IP netblocks do they fall under?
Enrich the insurance buyer's cyber risk profile	• Are any of the cyber insurance applicants' domain names expiring soon? Do all of the domains have SSL certificates? • Were any changes made to their domains' statuses and other registration details? Can an unauthorized person make changes to the insurance buyer's domains? • Where do the applicant's incoming and outgoing web traffic come from? Are there local or international regulations the applicant must adhere to?
Assess the insurance buyer's cyber risk exposure and ensure regulatory compliance	• Are the cyber insurance applicant's domain SSL certificates configured correctly? • Do the insurance buyers own domains with outdated security protocols? Are there misconfigurations in the applicant's domain infrastructure? • Does the applicant conduct business with entities sanctioned by a regulatory body?

Finding Your Own DNS Data (FYODD) Doesn't Let You Scale

Delivering a real-time and uninterrupted satellite view of the world's DNS is our core business. The WhoisXML API data engine is built and frequently upgraded to offer you the most complete, updated, and unique Internet intelligence footprints. We aim to contribute to our clients' competitive edge at every step and give back months or years of development cycle time to your most pressing and mission-critical projects and deployments.

How the WXA Data Engine Is Ready to Add to Your Success Today:

1. Collection	2. Unification	3. Maintenance	4. Delivery	5. Innovation
• Internet-wide data sensing and crawling since 2010 • Legal agreements with major data aggregators • Large and growing network of data exchange partners	• Consistent data parsing of multiple data points across formats • Resolving incomplete, conflicting, and inaccurate records	• Addition of new and historical domains, subdomains, and IP and DNS records • Daily updating of millions of WHOIS, DNS, IP, and other records	• Batch feeds and APIs with complete documentation • Different support and customer success tiers • Enterprise-grade IT infrastructure • Streaming of domain and DNS data in real-time	• Ongoing improvement of data coverage, freshness, and accessibility • New features, products iterations, and solutions driven by market demand

Our Enterprise Value Proposition

Our intelligence is available through customized enterprise packages and product suites with multi-year contracts, flexible licensing models, nonrestrictive data access, and dedicated account and customer success teams. Contact us for more information.

Diamond: Includes all products listed below with Premium SLA
Gold: Pick 2 of each Tier, includes Gold SLA
Silver: Pick 1 of each Tier, includes Silver SLA
Starter: Pick 1 Tier-1 product, 1 Tier-2 product

Tier	Product	Update Frequency
P	Real-time & Historic Whois Streaming	Real-time Stream, Daily & Quarterly Feed, Real-time API Lookups
P	Real-time & Historic Passive DNS Coverage	Daily + Weekly Feed, Real-time API Lookups
P	Enterprise & Threat Intelligence APIs	Enterprise APIs T5 & Threat Intelligence APIs (1M CPM)
1	Real-time WHOIS Data Coverage	Daily & Quarterly Feed, Real-time API
1	Real-time DNS Coverage	Weekly Feeds, Real-time API
1	IP Geolocation & Netblocks Data Coverage	Daily Feeds
1	Website Contacts & Categorization Feed	Daily Feed
2	Subdomains Database Feed	Daily Feed
2	IP Netblocks (IPv4 + IPv6)	Daily Feed
2	IP Geolocation Database	Daily Feed
2	Typosquatting Data Feed (Enriched)	Daily Feed
2	Disposable Email Domains Feed	Daily Feed
2	MAC Address Database Feed	Daily Feed

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. Visit whoisxmlapi.com or contact us for more information about our products and capabilities.

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