WhoisXMLAPI
The Who Behind Domain, IP & Cyber Threat Intelligence

Know Your Customer (KYC) Better and Faster with Internet-Wide Data Visibility

Business Problem

Whether for regulatory compliance, fraud prevention, or as part of a zero-trust cybersecurity approach, KYC has been a long-standing process made even more challenging and urgent with the ubiquitous digitization of services, transactions, and client relationships. Companies have to unmask customers as completely as possible by supplementing their existing KYC data source stack with Internet-related records to lessen risk exposure to fraud and digital threats. But by the time organizations manage to collect Internet data on their own, other challenges present themselves, including data quality, freshness, and reliability. Finding the right data partner is crucial to KYC efforts since DIY data gathering requires a tremendous amount of time, expertise, and effort.

Data-Driven Solution

The Internet provides a certain level of anonymity that fraudsters and low-value customers leverage. Seeing through these disembodied personalities requires real-time and complete access to relevant Internet records, including the world's Domain Name System (DNS), domain, WHOIS, and IP information. Intelligence gleaned from these Internet-wide data sources can enrich KYC processes and algorithms. Integrating up-to-date and relevant Internet-wide data enables risk management teams and identity verification platforms to send immediate, data-driven, and context-rich signals that feed critical and real-time decision-making in support of each transaction.

Notable Use Cases	Connected Data Points
Merchant identity verification	• Are the merchant's domain registration details consistent with the information it submitted? For instance, does the domain registrant's email address match its company email address on record? • Are the IP addresses the merchant uses every time it logs in to its account consistently located in the same area? Varying country-level locations may mean the merchant uses anonymizers, such as virtual private networks (VPNs) and proxy servers.
Account creation and onboarding	• Is the new customer signing up with a disposable email address? Generally, software-as-a-service (SaaS) companies across all industries may want to avoid onboarding customers who use disposable email addresses. There is a high probability that they would only take advantage of promotional offers. • Is the new customer located in a cybercrime hotspot at the time of account creation? If so, companies may want to ask for additional documents as proof of identity.
Transaction verification	• Does the financial transaction originate from out of the region or offshore? Can account owners reasonably travel and perform transactions from their previous location to the current one? A significant distance within a short period in-between transactions could suggest unauthorized transactions. • Are the customer's recorded IP address, Internet service provider (ISP), and connection type the same at the transaction time? Discrepancies in these critical records may signal unauthorized transactions.
Prevention, detection, and mitigation of DNS abuse	• Are there domains registered by known DNS abusers, as identified from the registrant name, organization, or email address? Domain registries, registrars, and resellers may want to watch out for known actors who may jump from one top-level domain (TLD) to another to evade detection. • Is the registrant's email address disposable? Like SaaS companies, domain registrars and resellers may want to filter out disposable email addresses as part of their KYC procedures.

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 • Streaming of domain and DNS data in real-time • Enterprise-grade IT infrastructure	• Ongoing improvement of data coverage, freshness, and accessibility • New features, product 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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