



Real-Time and Historical Passive DNS Coverage

So much is happening throughout the Internet. Missing critical DNS data points can be far too probable and costly.

Every second, millions of DNS lookups are performed, involving thousands upon thousands of DNS servers—further leading to the discovery of even more DNS records scattered across the Web. Embarking on the journey of DIY tracking is demanding. Practical difficulties would include the short time span of DNS records, inability to retrieve historical entries, processing speed and reach required to achieve meaningful data scanning, and visibility gaps resulting from delays, downtime, and other technical difficulties. The direct and indirect workload required to gather and aggregate DNS data from various providers can also be tremendous. That's why a careful evaluation of the footprint contributions to your environment is required while bearing in mind other factors, such as cost and ease of data access.

Uncover your blind spots. Get a satellite view of the world's DNS.

Our extensive passive DNS intelligence provides access to the world's DNS data, gleaned from over a decade of data aggregation and parsing to offer extensive coverage – billions of DNS records with millions added weekly. We offer these records in a normalized, well-parsed, and easily accessible data format through downloadable batch feeds and real-time APIs. Our thorough data sensing and processing methods and long-term relationships with data exchange partners are essential to continuously improve and grow our data repositories. We offer scalable data access packages, flexible licensing options for data redistribution, and enterprise-grade customer support and infrastructure. [Contact us](#) for more information or download our DNS data samples [here](#).

A records

AAAA records

NS records

TXT records

CNAME records

MX records

SOA records

PTR records



Practical Usage

Get the DNS intelligence you need to:

- Augment the capabilities of SIEM, SOAR, TIP, SOC, and other platforms
- Reduce attack surfaces through comprehensive asset discovery, attribution, and monitoring
- Identify dangling DNS records and unsecured subdomains that are prone to exploitation
- Expand threat intelligence gathering to run in-depth analyses on APT and threat actor activities
- Be alerted to any change in the DNS infrastructure of suspicious or known malicious domains
- Run SaaS service discovery analyses from clues left in DNS records and subdomains

What DNS Records Are Included?

Our passive DNS intelligence contains relevant data points for six types of DNS records. See the table below for an overview of each DNS record we provide and what they mean.

Data Points	Description
A records	Detail the IPv4 address(es) for a given domain or subdomain name
AAAA records	Detail the IPv6 address(es) for a given domain or subdomain name
MX records	Specify the mail servers for a given domain or subdomain name
NS records	Specify the authoritative DNS server containing the DNS records of a given domain or subdomain name
TXT records	Contain any descriptive text associated with a domain or subdomain name
CNAME records	Refer to domain name aliases that point to a root or canonical domain name
SOA records	Contain administrative information related to a given domain's zone
PTR records	Provide the domain name of a given IP address



What DNS Data Delivery Models Do You Provide?

Our DNS intelligence is accessible through batch feeds, API calls, and GUI tools. See the table below for an overview of our main DNS data delivery models.

Product	Frequency/Updates
Real-time & Historic Passive DNS Coverage	Daily + Weekly Feed, Real-time API Lookups
Real-time DNS Coverage	Weekly Feeds, Real-time API

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 at sales@whoisxmlapi.com for more information about our products and capabilities.



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The Who Behind Domain, IP & Cyber Threat Intelligence