NetAcuity® - Proxy Database

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The Industry Standard for IP Intelligence Technology

Digital Element maintains the world's most comprehensive and up-to-date proxy database. Our patented and proprietary proxy detection methodology empowers content websites, financial services companies, networking providers, publishers and many others whose businesses rely on the ability to detect non-human traffic; control the distribution of online content; prevent online fraud; comply with legal/embargo restrictions; and more.

Digital Element's industry-leading proxy data is gathered via our unique proxy analyzer, which combs alleged proxy lists and stores the data for analysis. IP addresses are constantly evaluated and re-evaluated to see if they exhibit proxy-specific behavior, such as requiring login credentials, and our team of dedicated data analysts works hard to ensure the delivery of the most robust and accurate solution to address the problem of IP masking at commercial scale. The proxy data list is then updated on a daily basis, and is available for daily or weekly download depending on use case.

Proxy Database Value Descriptions:

Proxy Type	
Anonymous	Actual IP address of client is not available. Includes services that change location to beat DRM, TOR points, temporary proxies and other masking services.
Transparent	Actual IP address of client is available via HTTP headers, though value not necessarily reliable (i.e., it can be spoofed).
Hosting	Address belongs to a hosting facility and is likely to be a proxy as end users are not typically located in a hosting facility.
Corporate	Generally considered harmless, but location can be a concern. Can identify if multiple users are proxied through a central location or locations, and thus share a single network-apparent IP address.
Public	Multiple users proxied from a location allowing public Internet access.
Edu	Proxied users from an educational institution.
Consumer-Privacy	Consumer Privacy service controls the geographic location of the egress proxy (i.e. exit IP address) through which the end user is routed.
"?"	Not determined to be a proxy.
Proxy Description	
Tor Exit	The gateway nodes where encrypted/anonymous Tor traffic hits the Internet.
Tor Relay	Receives traffic on the Tor network and passes it along. Also referred to as "routers".
Cloud	Enables ubiquitous network access to a shared pool of configurable computing resources.
VPN	Virtual private network that encrypts and routes all traffic through the VPN server, including programs and applications.
DNS	A proxy used by overriding the client's DNS value for an endpoint host to that of the proxy instead of the actual DNS value.
Web-Browser	This value will indicate connectivity that is taking place through mobile device web browser software that proxies the user through a centralized location. This type of proxy connectivity falls within our 'hosting' proxy-type designation, thus the new proxy-description response will be returned. A couple of examples of this type of connectivity are Opera mobile browsers and UCBrowser.
Cloud-Security	A host accessing the Internet via a web security and data protection cloud provider. Example providers with this type of service are Zscaler, Scansafe, and Onavo.
Apple	Apple Private Relay. Only used with Proxy Type Consumer-Privacy.
Google	Google One or Google Fi VPNs. Only used with Proxy Type Consumer-Privacy.

Sample Clients

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LogRhythm

iStreamPlanet®

ebay

LOOKINGGLASS

intuit®

JPMorgan Chase & Co

DV DoubleVerify

Socure

For more details on how your company can leverage proxy data as part of an online strategy, please visit us at **www.digitalelement.com**.

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For those clients wanting to take an even more cautious approach to blocking proxy traffic, our VPN Proxy database provides additional insights about the proxy hosts identified as either VPN or DNS within our Proxy Identification database. This database also highlights the individual IP address tied to the VPN or DNS proxy.

The database will add context to help clients address the problem of malicious IP masking, and will enable them to have greater control over content distribution; added confidence against online fraud; and compliance with global legal restrictions at scale.

When clients license this additional data, they will receive both the Proxy Type and Proxy Identification databases as well as the VPN proxy database.

VPN Descriptions:

VPN Proxy Values	
VPN Proxy Node	Indicates where the IP address serves as the entry or exit node of the VPN user, or both
VPN Proxy Name	The name of the commercial VPN service currently using the identified IP address

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