

DNS, the directory service for the internet, is an intrinsic element of how we communicate online. By resolving domain names into IP addresses, DNS delivers enormous value and yet is transparent to most of us. However the internet is rampant with malicious activity and DNS can be complicit in enabling hackers to misdirect and defraud users.

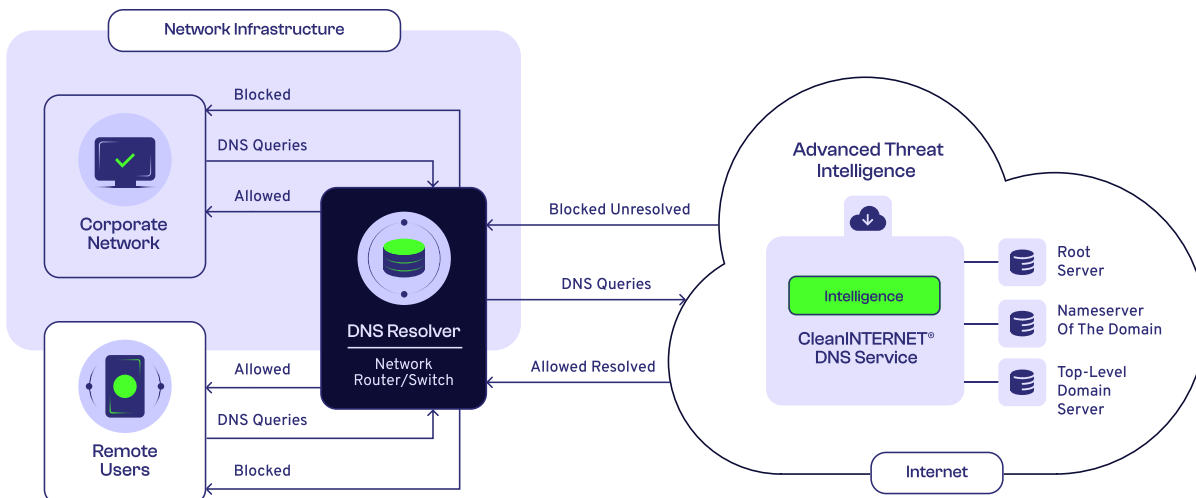


Over 80% of breaches occur from human error, and over half of employees fall prey to phishing emails that connect to known malicious websites. Despite the constant effort to train employees on cyber safety and best practices, caution is a short-lived human behavior. A DNS lookup can lead to a user accessing malicious content which may result in communication with command & control servers, exfiltration of data from network assets, or propagation of threats across business-critical networks.

CleanINTERNET® DNS protects your entire organization by shielding against malicious sources and harmful content.

CleanINTERNET® DNS safeguards against network infiltration and data exfiltration and increases your organization's cyber security posture. CleanINTERNET® DNS gives your business cyber security protection against web-based malicious threats and is more comprehensive than other DNS filtering products by applying advanced threat intelligence, not just blocklists, to prevent users from accessing malicious websites and content.

CleanINTERNET® DNS does not require additional hardware, is fully managed, and requires no extensive internal resources. CleanINTERNET® DNS is implemented in minutes by easily routing traffic to Centripetal's CleanINTERNET® DNS cloud server.



CleanINTERNET® DNS Service

WHY CLEANINTERNET® DNS

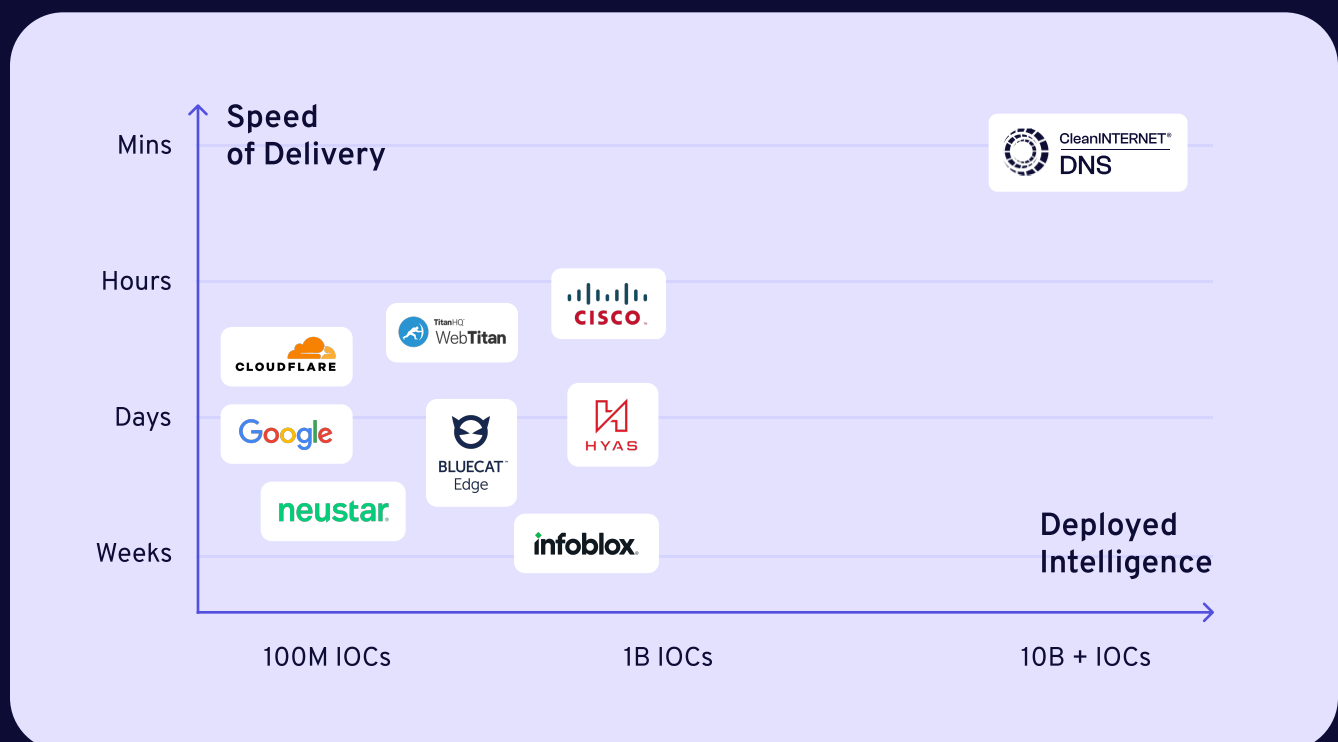
Protective DNS providers rely on various forms of threat intelligence to ascertain the safety of websites. However, the effectiveness of their solutions in thwarting cyber threats hinges on the quantity, quality, and timeliness of this intelligence. Typically, these providers draw upon a limited set of sources for their threat intelligence. In contrast, Centripetal integrates insights from hundreds of diverse threat intelligence vendors, offering a broader perspective.

Remarkably, there's minimal overlap among the intelligence provided by these vendors, underscoring the necessity for a more comprehensive approach. Moreover, this information undergoes rapid changes; deceptive websites often have short lifespans, typically lasting only a few days. Thus, the immediacy of data becomes paramount.

Our process **ensures** swift action, with the time from identification by any of our threat intelligence suppliers to protection via DNS spanning mere minutes.

By amalgamating extensive threat intelligence with rapid coverage, we afford our customers swift protection, effectively thwarting attacks from the latest and most active threat actors.

CLEANINTERNET® DNS THE CENTRIPETAL DIFFERENCE



FEATURES



Comprehensive DNS based threat protection for businesses and organizations of any size



Resolves domain names against authoritative, reliable DNS sources.



Compares requested domain names against extensive threat intelligence, preventing resolution and blocking communication with unreliable domains.



Analyzes resolved IP addresses, comparing to extensive threat intelligence, and filtering out known bad destinations.



Selectively returns IP addresses to comply with geographical policies so resolved sources will not be from proscribed countries



Analyzes DNS resolution hierarchy to ensure validity and trustworthiness of all resolvers



Supports DoT and DoH



Easy to configure, no additional hardware or software required

BENEFITS

CleanINTERNET® DNS can benefit your organization by:

- Protecting internal, external, and guest users from malicious sources and mitigating the risk of malware and phishing attacks.
- Shielding of malicious activity before any connection or content is downloaded.
- Leveraging Centripetal's comprehensive threat intelligence.
- Improving security awareness among users.
- Gaining visibility into user interaction through DNS filter logs.
- Controlling non-malicious but unwanted content.
- Reporting on DNS activity to help identify questionable behavior and unusual traffic.

CleanINTERNET® DNS

is an ideal solution for enterprises of any size to gain more cyber awareness and improved security posture.

A valuable and cost-effective solution for the enterprise, CleanINTERNET® DNS prevents remote users from accessing malicious sources, preventing network and data compromise from remote assets.

ABOUT CENTRIPETAL

Centripetal, the global leader in intelligence powered cybersecurity, is operationalizing the world's largest collection of threat intelligence, in real-time, to protect organizations from every known cyberthreat through its innovative patented technologies.

The company's CleanINTERNET® solution delivers the only proactive approach to intelligence powered cybersecurity, leveraging the latest computing technology and skilled operations intelligence analysts, at dramatically lower cost.

For More Information

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