



NOMINET
CYBER
SECURITY



NOMINET CYBER SECURITY SERVICES FOR GOVERNMENT INSTITUTIONS

Realtime DNS threat detection, before they harm your organization

Nominet equips government institutions with 22 years' expertise derived from securing critical infrastructure.

Government Institutions all around the world increasingly strengthen their defenses against a sophisticated cyber criminal that continually overwhelms their security teams with low-level and high-volume attacks, remains undetected in the network for long periods of time, adapting its methods to succeed in its malicious mission.

Based on over 20 years of national-scale DNS expertise and eight years of dedicated research, Nominet have a unique insight into cyber threats, and the capability to find and fix problems that no other service can touch. The truth is that the DNS plays a part in almost all cyber-threats, including malware, phishing, data exfiltration and misconfigurations. Government organizations need to get a handle on this fast and turn DNS from their weakest link to the first line of defence.

Advanced DNS protection

Government organizations hold onto large volumes of sensitive customer data. Protecting this data is key to maintaining trust. But all too often, DNS servers are overlooked by network security administrators. In fact, most firewalls whitelist DNS in order not to disrupt genuine business communications and exchange. So how can you spot the malicious attacks disguised as normal DNS traffic in your network?

Yet, once a DNS is compromised, criminals can easily manipulate a firm's domain name to carry out attacks such as DDoS, phishing, data exfiltration or cache poisoning. This can cause undue damage – both reputational and financial. Fortunately, Nominet's security services are ready to help.

How Nominet protects:

- Allows you to capture, understand and visualize the threats contained in your DNS traffic
- Gives you unprecedented visibility and security intelligence into your DNS data
- Detects malicious intent in seconds and actively blocks threats at the DNS layer
- Enriches your SIEM solution with DNS threat data, reducing noise and alerts
- Allows real-time protection without compromising performance

Nominet's security services are easy to implement and will be designed specifically to meet your needs and enhance your existing cyber security solution.

The Nominet advantage

As the registry for the .UK domain, Nominet have over 20 year's experience in network analytics and protection. We are proud to be part of the UK's Critical National Infrastructure, a major player that keeps three million businesses and the UK government up and running. We built our DNS analytics tool to help us understand and protect the activity on the UK internet – so we know it works.

Nominet also run the UK Public Sector DNS Service, as part of the Active Cyber Defence Programme that the National Cyber Security Centre has implemented in the UK to protect UK government departments. We extend that same capability to enterprises globally enabling their DNS to detect and block cyber threats and strengthen their layered security ecosystem.

Flexible Security Services

Protect your users the way it suits your business:

NTXprotect – our standalone technology, installed on-premise or cloud-delivered, for use by your in-house security team

NTXsecure – our fully managed DNS service overseen by a team of experts

Key features and benefits

- Detects and blocks malicious flows in DNS traffic
- Early detection of DDoS, malware and DGAs
- Realtime protection without compromising performance
- Analytics platform can be integrated with existing solutions
- Powered by a unique patented compression and analysis algorithms engine
- Identifies DNS tunnelling used to exfiltrate data out of your business

"Nominet has a 20-odd year history of running national scale DNS with cracking uptime, so we asked them to do it for us."

IAN LEVY
NATIONAL CYBER SECURITY CENTRE



For more information on how Nominet can help secure your business, get in touch today:

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