



USE CASE

DuckDNS: If It Looks and Acts Like Dynamic DNS ...

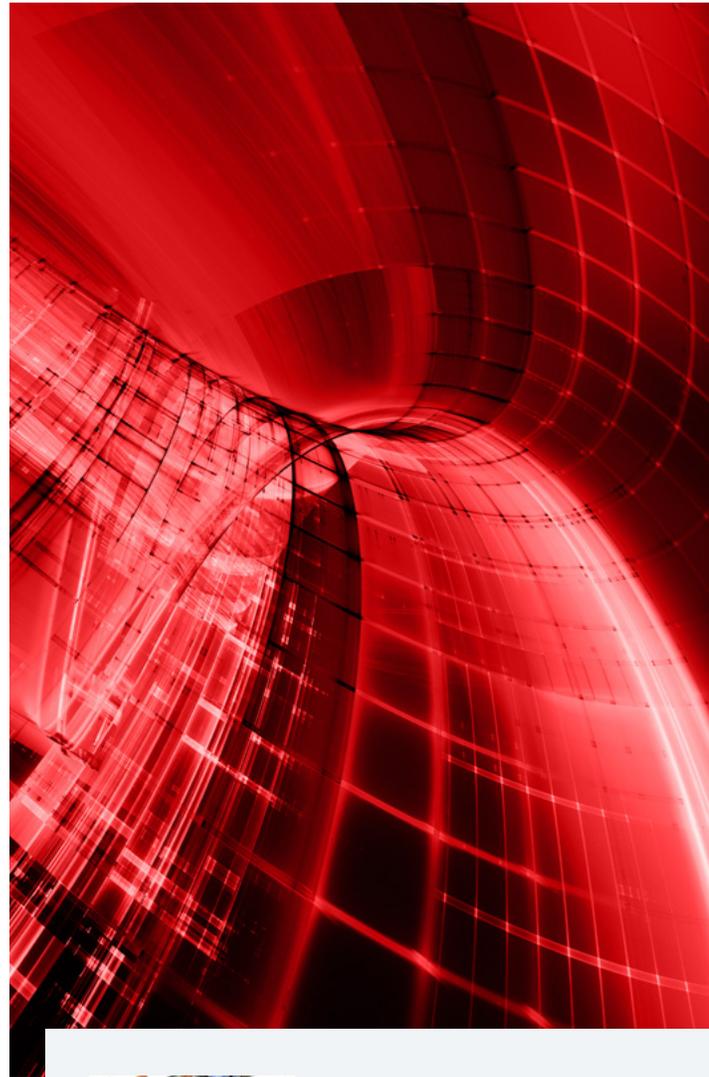
IP addresses are usually allocated dynamically to users by internet service providers. But DuckDNS is a dynamic DNS provider that gives everyone – normal users and bad actors – more freedom and control over their own IP addresses. It's free to link addresses to domain names with DuckDNS, making it perfectly enticing for those with nefarious ends.

Phishing attacks are probably one of the biggest threats financial institutions and their customers or clients face. It should therefore come as no surprise that cybercriminals conducting phishing attacks on those organizations naturally gravitate towards using DuckDNS to send malicious emails to financial institution customers to trick them into providing their login credentials on fake websites.

Crucially, HYAS Insight provides additional useful information about DNS registration which helps teams locate threat actors by mapping them to IP addresses anywhere in the world. Even if domain registrees are located elsewhere when they register, DuckDNS still logs their actual IP addresses. It turns out that DuckDNS is very much a double-edged sword for threat actors, and yet another mode of defense for those monitoring threats.

HYAS Insight Into Every Use Case

Threat and fraud researchers and investigators in the financial industry can easily build up dossiers of attacks to take to and promptly notify relevant law enforcement agencies. We have unique data. And being able to pivot from one data point to another data point, especially when we've got unique data, becomes extremely valuable.



DAVID BRUNSDON, Threat Intelligence Security Engineer at HYAS outlines a popular attack vector targeting major financial sector institutions every day and details how HYAS solutions identifies and stops it.

“Phishing attacks are probably one of the biggest threats financial institutions and their customers or clients face.”

HYAS Insight offers threat intelligence, data point pivoting and unique data capabilities invaluable for financial organizations who want to stop the myriad cyber threats that they face. The ability to uncover domain registrations not available to most other cybersecurity solution providers delivers the whole financial sector with the confidence to conduct business operations in the face of malware attacks and phishing campaigns.

Pivoting from single suspicious domains and IP addresses can ultimately uncover vast campaigns designed to destabilize business purely for financial gain. But organizations armed with relevant, unparalleled insight can ensure that bad actors don't get far.

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Additional Resources

[Case Study: HYAS Insight Shines a Light on Financial Fraud](#)

[How HYAS Protects the Financial Services Industry](#)

[HYAS Insight Threat Intelligence and Investigation](#)

[HYAS Protect Protective DNS](#)

Banking on the Right Protection

- The financial sector is a prime target for cyber attacks. Financial organizations and their customers and clients feel the fallout of major ransomware and phishing campaigns more than ever, and there's often more at stake.
- Finance needs a new approach to deal with the ongoing rise in cybercrime. The right tools coupled with unique data function as preventative measures against threat actors using innovative methods to target and exploit organizations and individuals alike.
- Even the most sophisticated ransomware attacks and phishing campaigns are not invulnerable. Leveraging advanced cyber threat intelligence and investigative tools powered with the right data can stop those responsible for cybercrime in the financial sector a lot more easily.

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INVESTIGATE ATTACK
INFRASTRUCTURE FURTHER
AND IDENTIFY FRAUD FASTER



HYAS INSIGHT

An efficient and expedient investigation is the best way to protect your enterprise. HYAS Insight provides threat and fraud response teams with unparalleled visibility into everything you need to know about the attack. This includes the origin, current infrastructure being used and any infrastructure.



PROTECTING BUSINESSES AND SOLVING INTELLIGENCE PROBLEMS THROUGH DETECTION OF ADVERSARY INFRASTRUCTURE AND ANOMALOUS COMMUNICATION PATTERNS

HYAS is a world-leading authority on cyber adversary infrastructure and communication to that infrastructure. HYAS is dedicated to protecting organizations and solving intelligence problems through detection of adversary infrastructure and anomalous communication patterns.

We help businesses see more, do more, and understand more in real time about the nature of the threats they face. HYAS turns meta-data into actionable threat intelligence, actual adversary visibility, and protective DNS that renders malware inoperable.